

# KENWOOD

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ALL MODE MULTI-BAND TRANSCEIVER

# TS-2000/B2000/2000X TS-2000S/V/SX/VX

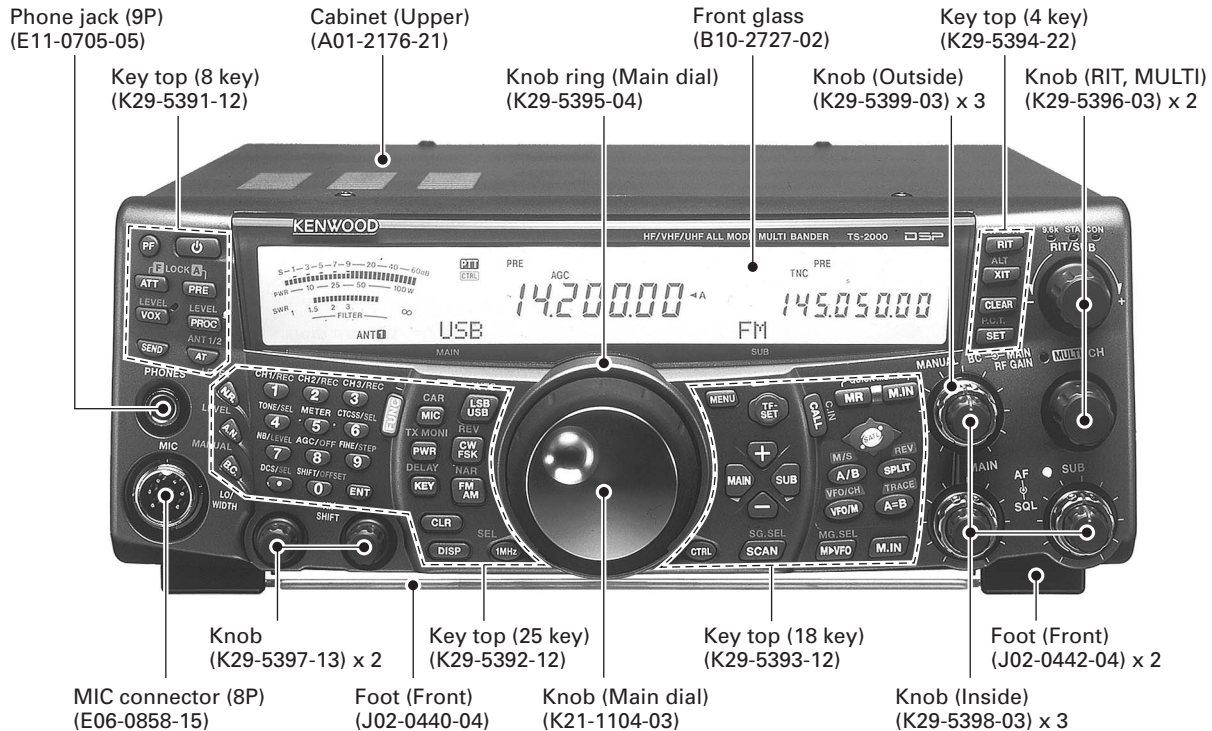
## SERVICE MANUAL SUPPLEMENT II

# KENWOOD

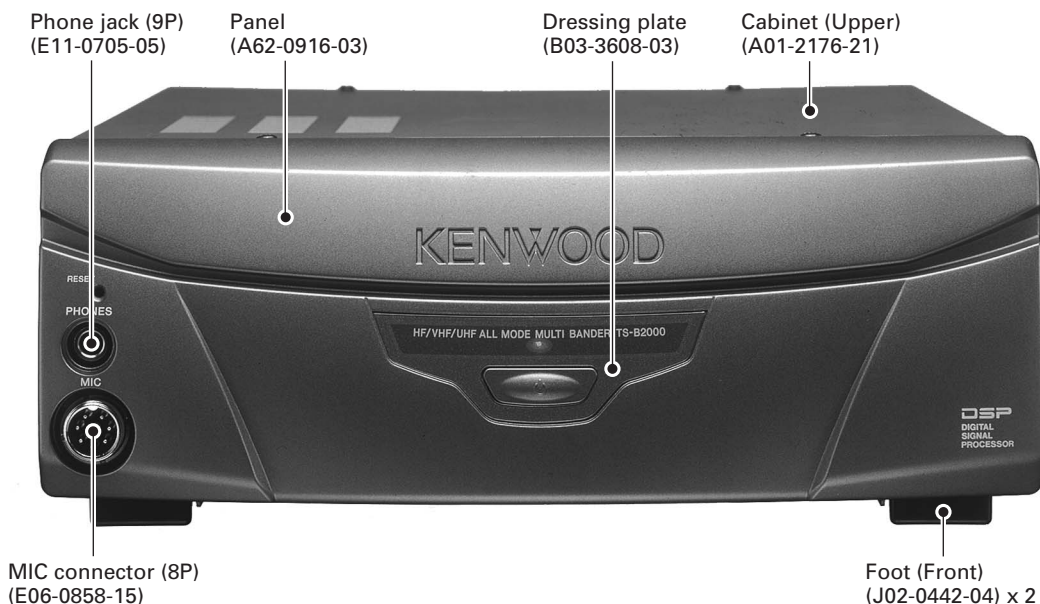
Kenwood Corporation

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### TS-2000/2000X/2000S/2000V/2000SX/2000VX



### TS-B2000



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## BEFORE USING THE SERVICE MANUAL

- This service manual revises a board (RoHS) used with the TS-2000/TS-B2000/TS-2000X/TS-2000S/TS-2000V/TS-2000SX/TS-2000VX transceiver and issues it as a supplemental manual. Refer to the appropriate TS-2000 service manual for items which are not listed (TS-2000/X: B52-8558-00, TS-2000/TS-2000X/TS-B2000: B51-8622-00, TS-2000S/TS-2000V/TS-2000SX/TS-2000VX: B51-8545-00).
- Refer to the list below for the serial number of each transceiver with this service manual.
- Destination of the parts list/ PCB figures/ schematic diagrams of this service manual are the changes from the former service manual. Please read the following list, as they have been rearranged as shown in the list. Reference: TS-2000 (K)=K1

| Model Name & Destination | Serial Numbers | Destination of Parts list/ PCB figures/ Schematic diagrams |
|--------------------------|----------------|------------------------------------------------------------|
| TS-2000 (K)              | 80300001~      | K1                                                         |
| TS-B2000 (K)             | 80300001~      | K2                                                         |
| TS-2000X (K)             | 80300001~      | K3                                                         |
| TS-2000 (E)              | 80300108~      | E1                                                         |
| TS-B2000 (E)             | -              | E2                                                         |
| TS-2000 (E2)             | 80300061~      | E3                                                         |
| TS-B2000 (E2)            | -              | E4                                                         |
| TS-2000X (E)             | 80300011~      | E5                                                         |
| TS-2000S (J)             | -              | J                                                          |
| TS-2000V (J)             | -              | J1                                                         |
| TS-2000SX (J)            | 80600001~      | J2                                                         |
| TS-2000VX (J)            | -              | J3                                                         |

TS-2000/B2000/2000X  
TS-2000S/2000V/2000SX/2000VX

PARTS LIST

\* New Parts.    ⚠ indicates safety critical components.  
Parts without **Parts No.** are not supplied.  
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.  
Teile ohne **Parts No.** werden nicht geliefert.

**L** : Scandinavia                      **K** : USA                      **P** : Canada  
**Y** : PX (Far East, Hawaii)        **T** : England                **E** : Europe  
**Y** : AAFES (Europe)                **X** : Australia                **M** : Other Areas

TS-2000/B2000/2000X/2000S/2000V/2000SX/2000VX (Y52-327X-XX)

| Ref. No.                                      | Address | New parts | Parts No.   | Description                   | Desti-nation |
|-----------------------------------------------|---------|-----------|-------------|-------------------------------|--------------|
| TS-2000/B2000/2000X/2000S/2000V/2000SX/2000VX |         |           |             |                               |              |
| 1                                             | 2A      | *         | A01-2176-21 | CABINET (UPPER)               |              |
| 2                                             | 1D      | *         | A01-2177-21 | CABINET (BOTTOM)              |              |
| 3                                             | 2C      | *         | A10-4017-11 | CHASSIS                       |              |
| 4                                             | 1B      | *         | A11-0417-11 | SUB CHASSIS                   |              |
| 5                                             | 1F      | *         | A22-2502-31 | SUB PANEL                     | E3,E5,J      |
| 5                                             | 1F      | *         | A22-2502-31 | SUB PANEL                     | J1,J2,J3     |
| 5                                             | 1F      | *         | A22-2502-31 | SUB PANEL                     | K1,K3,E1     |
| 5                                             | 2F      | *         | A22-2502-31 | SUB PANEL                     | K2,E2,E4     |
| 6                                             | 2E      |           | A62-0771-03 | PANEL ASSY                    | E3,E5,J      |
| 6                                             | 2E      |           | A62-0771-03 | PANEL ASSY                    | J1,J2,J3     |
| 6                                             | 2E      |           | A62-0771-03 | PANEL ASSY                    | K1,K3,E1     |
| 6                                             | 2E      |           | A62-0916-03 | PANEL                         | K2,E2,E4     |
| 147                                           | 2E      |           | B03-3608-03 | DRESSING PLATE                | K2,E2,E4     |
| 7                                             | 1C      |           | B09-0355-05 | CAP (REAR-COM)                |              |
| 8                                             | 2E      | *         | B10-2727-02 | FRONT GLASS                   | E3,E5,J      |
| 8                                             | 2E      | *         | B10-2727-02 | FRONT GLASS                   | J1,J2,J3     |
| 8                                             | 2E      | *         | B10-2727-02 | FRONT GLASS                   | K1,K3,E1     |
| 10                                            | 1I      | *         | B42-7003-04 | RATING LABEL (DC CORD)        | E1,E2,E3     |
| 10                                            | 1I      | *         | B42-7003-04 | RATING LABEL (DC CORD)        | E4,E5        |
| 18                                            | 2E      |           | B43-1222-04 | BADGE (FRONT GLASS)           | E3,E5,J      |
| 18                                            | 2E      |           | B43-1222-04 | BADGE (FRONT GLASS)           | J1,J2,J3     |
| 18                                            | 2E      |           | B43-1222-04 | BADGE (FRONT GLASS)           | K1,K3,E1     |
| 12                                            | 1J      | *         | B46-0310-13 | WARRANTY CARD                 | E1,E2,E3     |
| 12                                            | 1J      | *         | B46-0310-13 | WARRANTY CARD                 | E4,E5        |
| 12                                            | 1J      |           | B46-0469-20 | WARRANTY CARD                 | K1,K2,K3     |
| 13                                            | 1J      |           | B52-0614-00 | SCHEMATIC DIAGRAM             | E1,E2,E3     |
| 13                                            | 1J      |           | B52-0614-00 | SCHEMATIC DIAGRAM             | E4,E5        |
| 13                                            | 1J      |           | B52-0614-00 | SCHEMATIC DIAGRAM             | K1,K2,K3     |
| -                                             |         |           | B52-0615-00 | SCHEMATIC DIAGRAM             | J,J1,J2      |
| -                                             |         |           | B52-0615-00 | SCHEMATIC DIAGRAM             | J3           |
| 14                                            | 1J      |           | B52-0616-00 | SCHEMATIC DIAGRAM             | E1,E2,E3     |
| 14                                            | 1J      |           | B52-0616-00 | SCHEMATIC DIAGRAM             | E4,E5        |
| 14                                            | 1J      |           | B52-0616-00 | SCHEMATIC DIAGRAM             | K1,K2,K3     |
| 15                                            | 1J      |           | B52-0617-00 | SCHEMATIC DIAGRAM             | E1,E2,E3     |
| 15                                            | 1J      |           | B52-0617-00 | SCHEMATIC DIAGRAM             | E4,E5        |
| 15                                            | 1J      |           | B52-0617-00 | SCHEMATIC DIAGRAM             | K1,K2,K3     |
| 148                                           | 1J      | *         | B52-0618-00 | SCHEMATIC DIAGRAM             | E1,E2,E3     |
| 148                                           | 1J      | *         | B52-0618-00 | SCHEMATIC DIAGRAM             | E4,E5        |
| 148                                           | 1J      | *         | B52-0618-00 | SCHEMATIC DIAGRAM             | K1,K2,K3     |
| 149                                           | 1J      | *         | B59-1777-20 | PAMPHLET (R&TTE)              | E1,E2,E3     |
| 149                                           | 1J      | *         | B59-1777-20 | PAMPHLET (R&TTE)              | E4,E5        |
| -                                             |         | *         | B59-2307-00 | PAMPHLET (FREQUENCY)          | E5           |
| 16                                            | 1J      | *         | B62-1220-50 | INSTRUCTION MANUAL (JAPANESE) | J,J1,J2      |
| 16                                            | 1J      | *         | B62-1220-50 | INSTRUCTION MANUAL (JAPANESE) | J3           |
| 16                                            | 1J      | *         | B62-1221-30 | INSTRUCTION MANUAL (ENGLISH)  | E1,E2,E5     |
| 16                                            | 1J      | *         | B62-1221-30 | INSTRUCTION MANUAL (ENGLISH)  | K1,K2,K3     |
| 16                                            | 1J      | *         | B62-1222-10 | INSTRUCTION MANUAL (FRENCH)   | E1,E2,E5     |
| 16                                            | 1J      | *         | B62-1223-10 | INSTRUCTION MANUAL (SPANISH)  | E3,E4        |
| 16                                            | 1J      |           | B62-1224-00 | INSTRUCTION MANUAL (GERMAN)   | E1,E2,E5     |
| 16                                            | 1J      |           | B62-1225-00 | INSTRUCTION MANUAL (ITALIAN)  | E1,E2,E5     |
| 16                                            | 1J      |           | B62-1226-00 | INSTRUCTION MANUAL (DUTCH)    | E1,E2,E5     |
| 17                                            | 2C      |           | B72-1639-04 | MODEL NAME-PLATE              | J            |
| 17                                            | 2C      |           | B72-1640-04 | MODEL NAME-PLATE              | J1           |

| Ref. No. | Address | New parts | Parts No.   | Description                          | Desti-nation |
|----------|---------|-----------|-------------|--------------------------------------|--------------|
| 17       | 2C      |           | B72-1641-04 | MODEL NAME-PLATE                     | K1           |
| 17       | 2C      | *         | B72-1642-14 | MODEL NAME-PLATE                     | E1,E3        |
| 17       | 2C      |           | B72-1735-04 | MODEL NAME-PLATE                     | K2           |
| 17       | 2C      | *         | B72-1736-14 | MODEL NAME-PLATE                     | E2,E4        |
| 17       | 2C      |           | B72-1878-04 | MODEL NAME-PLATE                     | J2           |
| 17       | 2C      |           | B72-1879-04 | MODEL NAME-PLATE                     | K3           |
| 17       | 2C      |           | B72-1883-04 | MODEL NAME-PLATE                     | J3           |
| 17       | 2C      | *         | B72-2072-04 | MODEL NAME-PLATE                     | E5           |
| 19       | 2C      |           | E04-0167-05 | RF COAXIAL RECEPTACLE (M)            |              |
| 20       | 2C      |           | E04-0170-15 | RF COAXIAL RECEPTACLE (N)            |              |
| 21       | 2I      | *         | E07-0751-15 | DIN PLUG (7P)            ACCESSORY   |              |
| 22       | 2I      | *         | E07-0851-15 | DIN PLUG (8P)            ACCESSORY   |              |
| -        |         |           | E07-0852-15 | ROUND PLUG (MICROPHONE)              | E1,E2,E3     |
| -        |         |           | E07-0852-15 | ROUND PLUG (MICROPHONE)              | E4,E5        |
| -        |         |           | E07-0852-15 | ROUND PLUG (MICROPHONE)              | K1,K2,K3     |
| 24       | 2I      | *         | E07-1351-15 | DIN PLUG (13P)          ACCESSORY    | E1,E2,E3     |
| 24       | 2I      | *         | E07-1351-15 | DIN PLUG (13P)          ACCESSORY    | E4,E5        |
| 24       | 2I      | *         | E07-1351-15 | DIN PLUG (13P)          ACCESSORY    | K1,K2,K3     |
| 25       | 2C      |           | E23-1164-04 | EARTH LUG (ANT)                      |              |
| 26       | 1I      |           | E30-3157-15 | DC CORD                    ACCESSORY |              |
| 27       | 2C      |           | E37-0866-05 | FLAT CABLE (X57-605A CN26)           |              |
| 27       | 3C,2F   |           | E37-0866-05 | FLAT CABLE (X57-605B CN800)          | K1,K3,E1     |
| 27       | 3C,2F   |           | E37-0866-05 | FLAT CABLE (X57-605B CN800)          | E3,E5,J      |
| 27       | 3C,2F   |           | E37-0866-05 | FLAT CABLE (X57-605B CN800)          | J1,J2,J3     |
| 28       | 1B      |           | E37-0867-05 | FLAT CABLE (X57-606B CN501)          |              |
| 31       | 2B      |           | E37-0870-05 | FLAT CABLE (X57-606A CN12)           |              |
| 32       | 1C      |           | E37-0871-05 | FLAT CABLE (X45A CN9)                |              |
| 33       | 2B      |           | E37-0872-05 | FLAT CABLE (X57-606A CN14)           |              |
| 34       | 3B      |           | E37-0873-05 | LEAD WIRE (X45A CN203,+B)            |              |
| 35       | 3B      |           | E37-0874-05 | LEAD WIRE (X45A CN204,GND)           |              |
| -        |         |           | E37-0875-05 | LEAD WIRE (X57-606B CN502)           |              |
| -        |         |           | E37-0876-05 | LEAD WIRE (X57-606C CN506)           |              |
| -        |         |           | E37-0877-05 | LEAD WIRE (X57-606A CN8,13)          |              |
| -        |         |           | E37-0878-05 | LEAD WIRE (X51 CN20,HF RX)           |              |
| -        |         |           | E37-0879-05 | LEAD WIRE (X45A CN1,HF TX)           |              |
| -        |         |           | E37-0880-05 | LEAD WIRE (X57-606A CN6)             |              |
| -        |         |           | E37-0881-05 | LEAD WIRE (X45A CN2,14TX)            |              |
| -        |         |           | E37-0882-05 | LEAD WIRE (X51 CN21,14RX)            |              |
| -        |         |           | E37-0883-05 | LEAD WIRE (X57-606A CN2,3)           |              |
| -        |         | *         | E37-0886-15 | LEAD WIRE (X53 CN505)                |              |
| -        |         | *         | E37-0887-15 | LEAD WIRE (X53 CN503)                |              |
| -        |         | *         | E37-0888-15 | LEAD WIRE (X57-606A CN9)             |              |
| -        |         |           | E37-0889-05 | LEAD WIRE (X57-605A CN31,32)         |              |
| -        |         | *         | E37-0890-15 | LEAD WIRE (X57-606A CN10)            |              |
| 50       | 2C      |           | E37-0891-05 | LEAD WIRE (EXT AT)                   |              |
| -        |         |           | E37-0897-05 | LEAD WIRE (X57-607 CN1)              | J3           |
| -        |         |           | E37-0897-05 | LEAD WIRE (X57-607 CN1)              | K3,E5,J2     |
| -        |         | *         | E37-0898-15 | LEAD WIRE (X57-607 CN5)              | J3           |
| -        |         | *         | E37-0898-15 | LEAD WIRE (X57-607 CN5)              | K3,E5,J2     |
| 53       | 1B      |           | E37-0946-05 | FLAT CABLE (X57-606B CN533)          |              |
| 54       | 3C      |           | E37-0947-05 | FLAT CABLE (X53 CN1)                 |              |
| 55       | 2F      |           | E37-0948-05 | FLAT CABLE (X54 CN1)                 | E3,E5,J      |
| 55       | 2F      |           | E37-0948-05 | FLAT CABLE (X54 CN1)                 | J1,J2,J3     |
| 55       | 2F      |           | E37-0948-05 | FLAT CABLE (X54 CN1)                 | K1,K3,E1     |
| -        |         |           | E37-0951-05 | LEAD WIRE (X51 CN4)                  |              |

# PARTS LIST

TS-2000/B2000/2000X/2000S/2000V/2000SX/2000VX (Y52-327X-XX)

| Ref. No. | Address | New parts | Parts No.   | Description                   | Desti-nation | Ref. No. | Address | New parts | Parts No.   | Description                  | Desti-nation |
|----------|---------|-----------|-------------|-------------------------------|--------------|----------|---------|-----------|-------------|------------------------------|--------------|
| -        |         |           | E37-0952-05 | LEAD WIRE (X51 CN12,13)       |              | 87       | 1F      | *         | G10-1278-04 | FIBROUS SHEET (SUB PANEL)    | K1,K3,E1     |
| -        |         |           | E37-0953-05 | LEAD WIRE (X57-606A CN18)     |              | 88       | 3D      | *         | G10-1281-04 | FIBROUS SHEET (FLAT CABLE)   |              |
| -        |         |           | E37-0957-05 | LEAD WIRE (X51 CN10)          |              | -        |         | *         | G10-1363-04 | FIBROUS SHEET (FINAL UNIT)   |              |
| -        |         |           | E37-0958-05 | LEAD WIRE (X51 CN9)           |              | -        |         |           | G11-0609-04 | CUSHION                      | E1,E2,E3     |
| 61       | 3B      | *         | E37-0959-15 | LEAD WIRE (SP)                |              | -        |         |           | G11-0609-04 | CUSHION                      | E4,E5        |
| 62       | 3C      |           | E37-0963-05 | FLAT CABLE (X57-607 CN6)      | J3           | -        |         |           | G11-0609-04 | CUSHION                      | K1,K2,K3     |
| 62       | 3C      |           | E37-0963-05 | FLAT CABLE (X57-607 CN6)      | K3,E5,J2     | 98       | 2F      |           | G11-2521-04 | SHEET (PANEL ASSY)           | E3,E5,J      |
| -        |         |           | E37-0971-05 | LEAD WIRE (X57-605I CN961)    | K2,E2,E4     | 98       | 2F      |           | G11-2521-04 | SHEET (PANEL ASSY)           | J1,J2,J3     |
| -        |         |           | E37-0972-05 | LEAD WIRE (X57-605I CN960)    | K2,E2,E4     | 98       | 2F      |           | G11-2521-04 | SHEET (PANEL ASSY)           | K1,K3,E1     |
| 29       | 3C      | *         | E37-1346-05 | FLAT CABLE (X53 CN6)          |              | 89       | 3C      |           | G11-2588-04 | RUBBER SHEET (CHASSIS FRONT) |              |
| 30       | 1C      | *         | E37-1348-05 | FLAT CABLE (X53 CN504)        |              | 90       | 1I      |           | G11-2698-04 | SHEET (ACCESSORY)            |              |
| -        |         | *         | F01-1043-04 | RADIATION PLATE               |              | 91       | 2F      | *         | G11-4035-04 | SHEET (KEY TOP)              | E3,E5,J      |
| 67       | 1C      |           | F07-1849-05 | COVER (REAR PANEL)            |              | 91       | 2F      | *         | G11-4035-04 | SHEET (KEY TOP)              | J1,J2,J3     |
| 68       | 1C      |           | F09-0453-05 | CAP (REAR-DIN)                |              | 91       | 2F      | *         | G11-4035-04 | SHEET (KEY TOP)              | K1,K3,E1     |
| 69       | 3C      | *         | F09-0471-15 | FANMOTOR                      |              | 92       | 2F      | *         | G11-4036-04 | SHEET (KEY TOP)              | E3,E5,J      |
| 70       | 2B      |           | F10-2328-02 | SHIELDING PLATE               |              | 92       | 2F      | *         | G11-4036-04 | SHEET (KEY TOP)              | J1,J2,J3     |
| 71       | 2B      | *         | F10-2330-13 | SHIELDING COVER (AT)          |              | 92       | 2F      | *         | G11-4036-04 | SHEET (KEY TOP)              | K1,K3,E1     |
| 72       | 3B      |           | F10-2366-03 | SHIELDING PLATE (1.2G)        | J3           | 93       | 2F      | *         | G11-4037-14 | SHEET (KEY TOP)              | E3,E5,J      |
| 72       | 3B      |           | F10-2366-03 | SHIELDING PLATE (1.2G)        | K3,E5,J2     | 93       | 2F      | *         | G11-4037-14 | SHEET (KEY TOP)              | J1,J2,J3     |
| 73       | 2B      |           | F10-2398-04 | SHIELDING COVER (X51)         |              | 93       | 2F      | *         | G11-4037-14 | SHEET (KEY TOP)              | K1,K3,E1     |
| 74       | 3G      |           | F12-0463-04 | SHIELDING SHEET               |              | 94       | 2F      | *         | G11-4038-04 | SHEET (KEY TOP)              | E3,E5,J      |
| -        |         |           | F15-0700-04 | SHIELDING PLATE (1.2G ANT)    | E2,E3,E4     | 94       | 2F      | *         | G11-4038-04 | SHEET (KEY TOP)              | J1,J2,J3     |
| -        |         |           | F15-0700-04 | SHIELDING PLATE (1.2G ANT)    | J,J1         | 94       | 2F      | *         | G11-4038-04 | SHEET (KEY TOP)              | K1,K3,E1     |
| -        |         |           | F15-0700-04 | SHIELDING PLATE (1.2G ANT)    | K1,K2,E1     | 95       | 2F      | *         | G11-4039-14 | SHEET (KEY TOP)              | E3,E5,J      |
| -        |         |           | F20-3303-04 | INSULATING SHEET (SUB PANEL)  |              | 95       | 2F      | *         | G11-4039-14 | SHEET (KEY TOP)              | J1,J2,J3     |
| -        |         | *         | F20-3381-04 | INSULATING SHEET              |              | 95       | 2F      | *         | G11-4039-14 | SHEET (KEY TOP)              | K1,K3,E1     |
| 75       | 1A      | *         | F20-1185-04 | INSULATING SHEET              |              | 96       | 2F      | *         | G11-4041-04 | SHEET (KEY TOP)              | E3,E5,J      |
| 76       | 3B      |           | F29-0014-05 | INSULATING BUSH (X45-360A Q2) |              | 96       | 2F      | *         | G11-4041-04 | SHEET (KEY TOP)              | J1,J2,J3     |
| 66       | 2I      |           | F52-0038-05 | FUSE (BLADE) 4A/32V           |              | 96       | 2F      | *         | G11-4041-04 | SHEET (KEY TOP)              | K1,K3,E1     |
| 65       | 1I,2I   | *         | F52-0042-05 | FUSE (BLADE) 15A/32V          | J1,J3        | 97       | 3C      | *         | G11-4042-04 | SHEET (FAN MOTOR)            |              |
| 65       | 1I,2I   |           | F52-0044-05 | FUSE (BLADE) 25A/32V          | E1,E2,E3     | 108      | 2F      | *         | G11-4045-04 | SHEET (4KEY)                 | E3,E5,J      |
| 65       | 1I,2I   |           | F52-0044-05 | FUSE (BLADE) 25A/32V          | E4,E5,J      | 108      | 2F      | *         | G11-4045-04 | SHEET (4KEY)                 | J1,J2,J3     |
| 65       | 1I,2I   |           | F52-0044-05 | FUSE (BLADE) 25A/32V          | J2           | 108      | 2F      | *         | G11-4045-04 | SHEET (4KEY)                 | K1,K3,E1     |
| 65       | 1I,2I   |           | F52-0044-05 | FUSE (BLADE) 25A/32V          | K1,K2,K3     | -        |         | *         | G11-4053-04 | SHEET (FRONT GLASS)          | E3,E5,J      |
| 78       | 3E      |           | G02-0505-05 | KNOB SPRING                   | E3,E5,J      | -        |         | *         | G11-4053-04 | SHEET (FRONT GLASS)          | J1,J2,J3     |
| 78       | 3E      |           | G02-0505-05 | KNOB SPRING                   | J1,J2,J3     | -        |         | *         | G11-4059-04 | SHEET (X53 CN7 FLAT CABLE)   | K1,K3,E1     |
| 78       | 3E      |           | G02-0505-05 | KNOB SPRING                   | K1,K3,E1     | -        |         |           | G13-0855-04 | CUSHION (23/5/13)            | E1,E2,E3     |
| 79       | 1C      |           | G02-0570-04 | FLAT SPRING                   |              | -        |         |           | G13-0855-04 | CUSHION (23/5/13)            | E4,E5        |
| -        |         |           | G02-0729-14 | FLAT SPRING (1.2G,A25)        |              | -        |         |           | G13-0855-04 | CUSHION (23/5/13)            | K1,K2,K3     |
| 80       | 3E      |           | G02-0854-03 | FLAT SPRING (MAIN DAIL)       | E3,E5,J      | 99       | 2E      | *         | G13-1775-13 | CUSHION (LCD)                | E3,E5,J      |
| 80       | 3E      |           | G02-0854-03 | FLAT SPRING (MAIN DAIL)       | J1,J2,J3     | 99       | 2E      | *         | G13-1775-13 | CUSHION (LCD)                | J1,J2,J3     |
| 80       | 3E      |           | G02-0854-03 | FLAT SPRING (MAIN DAIL)       | K1,K3,E1     | 99       | 2E      | *         | G13-1775-13 | CUSHION (LCD)                | K1,K3,E1     |
| 81       | 2A      |           | G02-0875-04 | EARTH SPRING (X45-360B)       |              | 100      | 3B      |           | G13-1793-04 | CUSHION (UNDER SP)           |              |
| 82       | 2F      |           | G02-0879-04 | EARTH SPRING (PANEL ASSY)     | E3,E5,J      | 101      | 3A      |           | G13-1855-04 | CUSHION (SP)                 |              |
| 82       | 2F      |           | G02-0879-04 | EARTH SPRING (PANEL ASSY)     | J1,J2,J3     | 102      | 1C      |           | G13-1856-04 | CUSHION (DRU-3A)             |              |
| 82       | 2F      |           | G02-0879-04 | EARTH SPRING (PANEL ASSY)     | K1,K3,E1     | 103      | 1D      | *         | G13-1868-04 | CUSHION (CABNET BOTTOM)      |              |
| 83       | 3B      | *         | G02-0893-04 | FLAT SPRING                   |              | 104      | 1G      | *         | G13-1869-05 | CONDUCTIVE CUSHION           | E1,E2,E3     |
| 84       | 3E      |           | G09-0405-05 | KNOB SPRING (RIT,MULTI)       | E3,E5,J      | 104      | 1G      | *         | G13-1869-05 | CONDUCTIVE CUSHION           | E4,E5        |
| 84       | 3E      |           | G09-0405-05 | KNOB SPRING (RIT,MULTI)       | J1,J2,J3     | 104      | 1G      | *         | G13-1869-05 | CONDUCTIVE CUSHION           | K1,K2,K3     |
| 84       | 3E      |           | G09-0405-05 | KNOB SPRING (RIT,MULTI)       | K1,K3,E1     | 105      | 1H      | *         | G13-1870-05 | CONDUCTIVE CUSHION           | E1,E2,E3     |
| 110      | 2E      |           | G10-0789-04 | FIBROUS SHEET (PANEL ASSY)    | E3,E5,J      | 105      | 1H      | *         | G13-1870-05 | CONDUCTIVE CUSHION           | E4,E5        |
| 110      | 2E      |           | G10-0789-04 | FIBROUS SHEET (PANEL ASSY)    | J1,J2,J3     | 105      | 1H      | *         | G13-1870-05 | CONDUCTIVE CUSHION           | K1,K2,K3     |
| 110      | 2E      |           | G10-0789-04 | FIBROUS SHEET (PANEL ASSY)    | K1,K3,E1     | 106      | 1H      | 3H        | G13-1871-05 | CONDUCTIVE CUSHION           |              |
| 85       | 3E      |           | G10-1258-04 | FIBROUS SHEET (MAIN DAIL)     | E3,E5,J      | 107      | 3H      | *         | G13-1872-05 | CONDUCTIVE CUSHION           |              |
| 85       | 3E      |           | G10-1258-04 | FIBROUS SHEET (MAIN DAIL)     | J1,J2,J3     | -        |         | *         | G13-1877-05 | CONDUCTIVE CUSHION (1.2G)    | J3           |
| 85       | 3E      |           | G10-1258-04 | FIBROUS SHEET (MAIN DAIL)     | K1,K3,E1     | -        |         | *         | G13-1877-05 | CONDUCTIVE CUSHION (1.2G)    | K3,E5,J2     |
| 86       | 2A,3A   |           | G10-1277-04 | FIBROUS SHEET (CABINET UPPER) |              | -        |         | *         | G13-1878-05 | CONDUCTIVE CUSHION (1.2G)    | J3           |
| 87       | 1F      | *         | G10-1278-04 | FIBROUS SHEET (SUB PANEL)     | E3,E5,J      | -        |         | *         | G13-1878-05 | CONDUCTIVE CUSHION (1.2G)    | K3,E5,J2     |
| 87       | 1F      | *         | G10-1278-04 | FIBROUS SHEET (SUB PANEL)     | J1,J2,J3     |          |         |           |             |                              |              |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

PARTS LIST

TS-2000/B2000/2000X/2000S/2000V/2000SX/2000VX (Y52-327X-XX)  
FINAL UNIT (X45-360X-XX)

| Ref. No. | Address | New parts | Parts No.   | Description                    | Desti-nation |
|----------|---------|-----------|-------------|--------------------------------|--------------|
| -        |         | *         | H10-6631-12 | POLYSTYRENE FOAMED FIXTURE (F) |              |
| -        |         | *         | H10-6632-12 | POLYSTYRENE FOAMED FIXTURE (R) |              |
| -        |         | *         | H10-6640-14 | POLYSTYRENE FOAMED FIXTURE     | K2,E2,E4     |
| -        |         | *         | H20-1448-04 | PROTECTION COVER               |              |
| 109      | 2J      |           | H52-1507-02 | ITEM CARTON CASE               | J            |
| 109      | 2J      |           | H52-1508-02 | ITEM CARTON CASE               | J1           |
| 109      | 2J      |           | H52-1509-02 | ITEM CARTON CASE               | K1           |
| 109      | 2J      |           | H52-1590-02 | ITEM CARTON CASE               | K2           |
| 109      | 2J      |           | H52-1711-02 | ITEM CARTON CASE               | J2           |
| 109      | 2J      |           | H52-1712-02 | ITEM CARTON CASE               | K3           |
| 109      | 2J      |           | H52-1715-02 | ITEM CARTON CASE               | J3           |
| 109      | 2J      | *         | H52-1773-02 | ITEM CARTON CASE               | E1,E3        |
| 109      | 2J      | *         | H52-1774-02 | ITEM CARTON CASE               | E2,E4        |
| 109      | 2J      |           | H52-1893-02 | ITEM CARTON CASE               | E5           |
| 111      | 1D      |           | J02-0440-04 | FOOT (FRONT)                   | E3,E5,J      |
| 111      | 1D      |           | J02-0440-04 | FOOT (FRONT)                   | J1,J2,J3     |
| 111      | 1D      |           | J02-0440-04 | FOOT (FRONT)                   | K1,K3,E1     |
| 112      | 3A,2D   | *         | J02-0441-15 | FOOT (SIDE)                    |              |
| 113      | 2D      |           | J02-0442-04 | FOOT (FRONT)                   |              |
| 114      | 1D      |           | J02-0475-05 | FOOT (REAR)                    |              |
| 115      | 3B      |           | J21-8414-04 | MOUNTING HARDWARE (1.2G)       |              |
| 116      | 1E      |           | J31-0141-04 | COLLAR (MIC 8P)                | K1,K3,E1     |
| 116      | 1E      |           | J31-0141-04 | COLLAR (MIC 8P)                | E3,E5,J      |
| 116      | 1E      |           | J31-0141-04 | COLLAR (MIC 8P)                | J1,J2,J3     |
| 116      | 2E      |           | J31-0141-04 | COLLAR (MIC 8P)                | K2,E2,E4     |
| 117      | 3E      |           | J39-0638-04 | SPACER (MAIN DAIL)             | E3,E5,J      |
| 117      | 3E      |           | J39-0638-04 | SPACER (MAIN DAIL)             | J1,J2,J3     |
| 117      | 3E      |           | J39-0638-04 | SPACER (MAIN DAIL)             | K1,K3,E1     |
| -        |         |           | J61-0307-05 | BAND                           |              |
| 120      | 2A      |           | K01-0420-05 | HANDLE                         |              |
| 121      | 3E      |           | K21-1104-03 | KNOB (MAIN DAIL)               | E3,E5,J      |
| 121      | 3E      |           | K21-1104-03 | KNOB (MAIN DAIL)               | J1,J2,J3     |
| 121      | 3E      |           | K21-1104-03 | KNOB (MAIN DAIL)               | K1,K3,E1     |
| 122      | 2E      | *         | K29-5391-12 | KEY TOP (8KEY)                 | E3,E5,J      |
| 122      | 2E      | *         | K29-5391-12 | KEY TOP (8KEY)                 | J1,J2,J3     |
| 122      | 2E      | *         | K29-5391-12 | KEY TOP (8KEY)                 | K1,K3,E1     |
| 123      | 2F      | *         | K29-5392-12 | KEY TOP (25KEY)                | E3,E5,J      |
| 123      | 2F      | *         | K29-5392-12 | KEY TOP (25KEY)                | J1,J2,J3     |
| 123      | 2F      | *         | K29-5392-12 | KEY TOP (25KEY)                | K1,K3,E1     |
| 124      | 2F      | *         | K29-5393-12 | KEY TOP (18KEY)                | E3,E5,J      |
| 124      | 2F      | *         | K29-5393-12 | KEY TOP (18KEY)                | J1,J2,J3     |
| 124      | 2F      | *         | K29-5393-12 | KEY TOP (18KEY)                | K1,K3,E1     |
| 125      | 2F      | *         | K29-5394-22 | KEY TOP (4KEY)                 | E3,E5,J      |
| 125      | 2F      | *         | K29-5394-22 | KEY TOP (4KEY)                 | J1,J2,J3     |
| 125      | 2F      | *         | K29-5394-22 | KEY TOP (4KEY)                 | K1,K3,E1     |
| 126      | 3E      |           | K29-5395-04 | KNOB RING                      | E3,E5,J      |
| 126      | 3E      |           | K29-5395-04 | KNOB RING (MAIN DAIL)          | J1,J2,J3     |
| 126      | 3E      |           | K29-5395-04 | KNOB RING (MAIN DAIL)          | K1,K3,E1     |
| 127      | 3E      |           | K29-5396-03 | KNOB (RIT,MULTI)               | E3,E5,J      |
| 127      | 3E      |           | K29-5396-03 | KNOB (RIT,MULTI)               | J1,J2,J3     |
| 127      | 3E      |           | K29-5396-03 | KNOB (RIT,MULTI)               | K1,K3,E1     |
| 128      | 3E      | *         | K29-5397-13 | KNOB                           | E3,E5,J      |
| 128      | 3E      | *         | K29-5397-13 | KNOB                           | J1,J2,J3     |
| 128      | 3E      | *         | K29-5397-13 | KNOB                           | K1,K3,E1     |
| 129      | 3E      | *         | K29-5398-03 | KNOB (INSIDE)                  | E3,E5,J      |
| 129      | 3E      | *         | K29-5398-03 | KNOB (INSIDE)                  | J1,J2,J3     |
| 129      | 3E      | *         | K29-5398-03 | KNOB (INSIDE)                  | K1,K3,E1     |
| 130      | 3E      | *         | K29-5399-03 | KNOB (OUTSIDE)                 | E3,E5,J      |
| 130      | 3E      | *         | K29-5399-03 | KNOB (OUTSIDE)                 | J1,J2,J3     |

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|-----------------------------------------------------------------------------------------------------|---------|-----------|--------------|--------------------------------------------------------|--------------|
| 130                                                                                                 | 3E      | *         | K29-5399-03  | KNOB (OUTSIDE)                                         | K1,K3,E1     |
| -                                                                                                   |         |           | L79-1407-05  | LINE FILTER                                            | E1,E2,E3     |
| -                                                                                                   |         |           | L79-1407-05  | LINE FILTER                                            | E4,E5        |
| -                                                                                                   |         |           | L79-1407-05  | LINE FILTER                                            | K1,K2,K3     |
| 133                                                                                                 | 2I      |           | L79-1408-05  | LINE FILTER (WITH BAND)    ACCESSORY                   | E1,E2,E3     |
| 133                                                                                                 | 2I      |           | L79-1408-05  | LINE FILTER (WITH BAND)    ACCESSORY                   | E4,E5        |
| A                                                                                                   | 1F      |           | N14-0569-14  | CIRCULAR NUT                                           | E3,E5,J      |
| A                                                                                                   | 1F      |           | N14-0569-14  | CIRCULAR NUT                                           | J1,J2,J3     |
| A                                                                                                   | 1F      |           | N14-0569-14  | CIRCULAR NUT                                           | K1,K3,E1     |
| B                                                                                                   | 2C      |           | N15-1040-48  | FLAT WASHER                                            |              |
| C                                                                                                   | 3E      |           | N19-0670-05  | SPECIAL WASHER                                         | E3,E5,J      |
| C                                                                                                   | 3E      |           | N19-0670-05  | SPECIAL WASHER                                         | J1,J2,J3     |
| C                                                                                                   | 3E      |           | N19-0670-05  | SPECIAL WASHER                                         | K1,K3,E1     |
| D                                                                                                   | 1F      | *         | N19-0673-15  | SPECIAL WASHER                                         | E3,E5,J      |
| D                                                                                                   | 1F      | *         | N19-0673-15  | SPECIAL WASHER                                         | J1,J2,J3     |
| D                                                                                                   | 1F      | *         | N19-0673-15  | SPECIAL WASHER                                         | K1,K3,E1     |
| E                                                                                                   | 2A,1D   |           | N33-3006-43  | OVAL HEAD MACHINE SCREW                                |              |
| F                                                                                                   | 1D,2D   |           | N35-3008-41  | BINDING HEAD MACHINE SCREW                             |              |
| G                                                                                                   | 3C      | *         | N35-3020-48  | BINDING HEAD MACHINE SCREW                             |              |
| H                                                                                                   | 2C      |           | N35-4010-48  | BINDING HEAD MACHINE SCREW                             |              |
| J                                                                                                   | 2A      |           | N67-2608-48  | PAN HEAD SEMS SCREW W                                  |              |
| K                                                                                                   | 2A,3B   | *         | N68-4006-48  | PAN HEAD SEMS SCREW A                                  |              |
| L                                                                                                   | 1E2F    |           | N87-2606-48  | BRAZIER HEAD TAPTITE SCREW                             |              |
| M                                                                                                   | 2B,2F   |           | N87-2608-48  | BRAZIER HEAD TAPTITE SCREW                             |              |
| N                                                                                                   | 3E      | *         | N90-3008-48  | TP HEAD MACHINE SCREW                                  | E3,E5,J      |
| N                                                                                                   | 3E      | *         | N90-3008-48  | TP HEAD MACHINE SCREW                                  | J1,J2,J3     |
| N                                                                                                   | 3E      | *         | N90-3008-48  | TP HEAD MACHINE SCREW                                  | K1,K3,E1     |
| 135                                                                                                 | 1I      | *         | N99-2024-15  | SCREW SET                    ACCESSORY                 |              |
| -                                                                                                   |         |           | S50-1406-05  | TACT SWITCH (MICROPHONE)                               | E1,E2,E3     |
| -                                                                                                   |         |           | S50-1406-05  | TACT SWITCH (MICROPHONE)                               | E4,E5        |
| -                                                                                                   |         |           | S50-1406-05  | TACT SWITCH (MICROPHONE)                               | K1,K2,K3     |
| 139                                                                                                 | 3B      | *         | T07-0765-05  | SPEAKER                                                |              |
| 140                                                                                                 | 1I      | *         | T91-0352-35  | MICROPHONE                    ACCESSORY                | E1,E2,E3     |
| 140                                                                                                 | 1I      | *         | T91-0352-35  | MICROPHONE                    ACCESSORY                | E4,E5        |
| 140                                                                                                 | 1I      | *         | T91-0352-35  | MICROPHONE                    ACCESSORY                | K1,K2,K3     |
| 141                                                                                                 | 1J      | *         | T93-0123-35  | CD-ROM                        ACCESSORY                | K2,E2,E4     |
| 142                                                                                                 | 2F      |           | W02-1836-15  | ENCODER (MAIN)                                         | E3,E5,J      |
| 142                                                                                                 | 2F      |           | W02-1836-15  | ENCODER (MAIN)                                         | J1,J2,J3     |
| 142                                                                                                 | 2F      |           | W02-1836-15  | ENCODER (MAIN)                                         | K1,K3,E1     |
| 143                                                                                                 | 1F      |           | W02-3619-05  | ENCODER (RIT/SUB)                                      | E3,E5,J      |
| 143                                                                                                 | 1F      |           | W02-3619-05  | ENCODER (RIT/SUB)                                      | J1,J2,J3     |
| 143                                                                                                 | 1F      |           | W02-3619-05  | ENCODER (RIT/SUB)                                      | K1,K3,E1     |
| -                                                                                                   |         |           | W09-0873-15  | LITHIUM CELL (X57-605A)                                |              |
| 146                                                                                                 | 2E      | *         | 212-2017-05  | HEAT-PROOF TUBE (VOX,FUNC)                             | E3,E5,J      |
| 146                                                                                                 | 2E      | *         | 212-2017-05  | HEAT-PROOF TUBE (VOX,FUNC)                             | J1,J2,J3     |
| 146                                                                                                 | 2E      | *         | 212-2017-05  | HEAT-PROOF TUBE (VOX,FUNC)                             | K1,K3,E1     |
| FINAL UNIT (X45-360X-XX)    0-00 : J,J2    0-01 : J1,J3<br>0-11 : K1,K2,K3    2-71 : E1,E2,E3,E4,E5 |         |           |              |                                                        |              |
| C1                                                                                                  |         |           | CK73FB1E104K | CHIP C                    0.10UF                    K  |              |
| C2                                                                                                  |         |           | CK73FB1H103K | CHIP C                    0.010UF                    K |              |
| C3                                                                                                  |         |           | CK73FB1E104K | CHIP C                    0.10UF                    K  |              |
| C4                                                                                                  |         |           | CK73FB1H103K | CHIP C                    0.010UF                    K |              |
| C5                                                                                                  |         |           | CK73FB1H102K | CHIP C                    1000PF                    K  |              |

# PARTS LIST

FINAL UNIT (X45-360X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description        | Desti-nation | Ref. No. | Address | New parts | Parts No.     | Description       | Desti-nation |
|----------|---------|-----------|---------------|--------------------|--------------|----------|---------|-----------|---------------|-------------------|--------------|
| C6       |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |              | C102     |         |           | C93-0560-05   | CHIP C 10PF D     |              |
| C7       |         |           | CK73FB1C105K  | CHIP C 1.0UF K     |              | C104     |         |           | C93-0571-05   | CHIP C 82PF J     | J1,J3        |
| C8,9     |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |              | C104     |         |           | C93-0572-05   | CHIP C 100PF J    | E1,E2,E3     |
| C10      |         |           | CK73FB1C105K  | CHIP C 1.0UF K     |              | C104     |         |           | C93-0572-05   | CHIP C 100PF J    | E4,E5,J      |
| C11      |         |           | CK73FB1H102K  | CHIP C 1000PF K    |              | C104     |         |           | C93-0572-05   | CHIP C 100PF J    | J2           |
| C12      |         | *         | CD04A21H100M  | ELECTRO 10UF 50WV  |              | C104     |         |           | C93-0572-05   | CHIP C 100PF J    | K1,K2,K3     |
| C13      |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |              | C106     |         |           | C93-0571-05   | CHIP C 82PF J     | J1,J3        |
| C14      |         |           | CK73FB1H102K  | CHIP C 1000PF K    |              | C106     |         |           | C93-0572-05   | CHIP C 100PF J    | E1,E2,E3     |
| C15      |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |              | C106     |         |           | C93-0572-05   | CHIP C 100PF J    | E4,E5,J      |
| C16      |         |           | CC73FCH1H100D | CHIP C 10PF D      |              | C106     |         |           | C93-0572-05   | CHIP C 100PF J    | J2           |
| C17      |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |              | C106     |         |           | C93-0572-05   | CHIP C 100PF J    | K1,K2,K3     |
| C20      |         |           | CC73FCH1H331J | CHIP C 330PF J     |              | C107     |         |           | CM73F2H271J   | CHIP C 270PF J    |              |
| C21      |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |              | C108     |         |           | CM73F2H221J   | CHIP C 220PF J    |              |
| C22      |         |           | CK73FB1H102K  | CHIP C 1000PF K    |              | C110     |         |           | CM73F2H271J   | CHIP C 270PF J    |              |
| C24      |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |              | C111     |         |           | CM73F2H221J   | CHIP C 220PF J    |              |
| C25      |         |           | CK73FB1C105K  | CHIP C 1.0UF K     |              | C117     |         |           | CM73F2H181J   | CHIP C 180PF J    | E1,E2,E3     |
| C26      |         |           | CC73FCH1H390J | CHIP C 39PF J      |              | C117     |         |           | CM73F2H181J   | CHIP C 180PF J    | E4,E5,J      |
| C27      |         |           | CC73FCH1H470J | CHIP C 47PF J      |              | C117     |         |           | CM73F2H181J   | CHIP C 180PF J    | J2           |
| C29,30   |         |           | CK73EB1H104K  | CHIP C 0.10UF K    |              | C117     |         |           | CM73F2H181J   | CHIP C 180PF J    | K1,K2,K3     |
| C31      |         |           | C93-0569-05   | CHIP C 56PF J      |              | C118     |         |           | CM73F2H151J   | CHIP C 150PF J    | E1,E2,E3     |
| C32      |         |           | CK73FB1H102K  | CHIP C 1000PF K    |              | C118     |         |           | CM73F2H151J   | CHIP C 150PF J    | E4,E5,J      |
| C33      |         | *         | CD04A21H100M  | ELECTRO 10UF 50WV  |              | C118     |         |           | CM73F2H151J   | CHIP C 150PF J    | J2           |
| C34      |         |           | CD04AY1E470M  | ELECTRO 47UF 25WV  |              | C118     |         |           | CM73F2H151J   | CHIP C 150PF J    | K1,K2,K3     |
| C35      |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |              | C125     |         |           | CK73EF1V225Z  | CHIP C 2.2UF Z    |              |
| C36      |         |           | CK73FB1C105K  | CHIP C 1.0UF K     |              | C127     |         |           | CK73FB1H102K  | CHIP C 1000PF K   |              |
| C37      |         |           | CK73FB1H102K  | CHIP C 1000PF K    |              | C130     |         |           | CM73F2H151J   | CHIP C 150PF J    | E1,E2,E3     |
| C38      |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |              | C130     |         |           | CM73F2H151J   | CHIP C 150PF J    | E4,E5,J      |
| C39      |         |           | CK73FB1H102K  | CHIP C 1000PF K    |              | C130     |         |           | CM73F2H151J   | CHIP C 150PF J    | J2           |
| C40      |         |           | CK73FB1C105K  | CHIP C 1.0UF K     |              | C130     |         |           | CM73F2H151J   | CHIP C 150PF J    | K1,K2,K3     |
| C41,42   |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |              | C131     |         |           | CM73F2H181J   | CHIP C 180PF J    | E1,E2,E3     |
| C43      |         |           | CK73FB1H103K  | CHIP C 0.010UF K   |              | C131     |         |           | CM73F2H181J   | CHIP C 180PF J    | E4,E5,J      |
| C44      |         |           | CK73FB1C105K  | CHIP C 1.0UF K     |              | C131     |         |           | CM73F2H181J   | CHIP C 180PF J    | J2           |
| C45      |         |           | CK73FB1H103K  | CHIP C 0.010UF K   |              | C131     |         |           | CM73F2H181J   | CHIP C 180PF J    | K1,K2,K3     |
| C46      |         |           | C93-0568-05   | CHIP C 47PF J      |              | C132     |         |           | CC73FSL1H471J | CHIP C 470PF J    |              |
| C47      |         |           | CM73F2H271J   | CHIP C 270PF J     |              | C133     |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C48      |         |           | CM73F2H391J   | CHIP C 390PF J     |              | C135     |         |           | CK73FB1E104K  | CHIP C 0.10UF K   |              |
| C49-56   |         |           | C93-0608-05   | CHIP C 2700PF K    | E1,E2,E3     | C138     |         |           | CK73FB1H102K  | CHIP C 1000PF K   |              |
| C49-56   |         |           | C93-0608-05   | CHIP C 2700PF K    | E4,E5,J      | C139,140 |         |           | CC73FSL1H331J | CHIP C 330PF J    |              |
| C49-56   |         |           | C93-0608-05   | CHIP C 2700PF K    | J2           | C141     |         |           | CK73FB1H102K  | CHIP C 1000PF K   |              |
| C49-56   |         |           | C93-0608-05   | CHIP C 2700PF K    | K1,K2,K3     | C142     |         |           | CK73FB1E104K  | CHIP C 0.10UF K   |              |
| C50,51   |         |           | C93-0599-05   | CHIP C 470PF K     | J1,J3        | C143     |         |           | CK73FB1H471K  | CHIP C 470PF K    |              |
| C54,55   |         |           | C93-0599-05   | CHIP C 470PF K     | J1,J3        | C144     |         | *         | CD04A21H100M  | ELECTRO 10UF 50WV |              |
| C57,58   |         |           | C93-0572-05   | CHIP C 100PF J     |              | C145     |         |           | CK73FB1H471K  | CHIP C 470PF K    |              |
| C59,60   |         |           | C93-0568-05   | CHIP C 47PF J      |              | C146     |         |           | CK73FB1E104K  | CHIP C 0.10UF K   |              |
| C61      |         |           | CM73F2H331J   | CHIP C 330PF J     |              | C147     |         |           | CK73FB1H102K  | CHIP C 1000PF K   |              |
| C63      |         |           | C93-0555-05   | CHIP C 5.0PF C     |              | C148     |         |           | CC73FSL1H471J | CHIP C 470PF J    |              |
| C67      |         |           | C93-0555-05   | CHIP C 5.0PF C     |              | C149     |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C68      |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |              | C150     |         | *         | CM73F2H680F   | CHIP C 68PF F     | E1,E2,E3     |
| C69      |         |           | CK73FB1H102K  | CHIP C 1000PF K    |              | C150     |         | *         | CM73F2H680F   | CHIP C 68PF F     | E4,E5,J      |
| C70      |         | *         | CD04A21H100M  | ELECTRO 10UF 50WV  |              | C150     |         | *         | CM73F2H680F   | CHIP C 68PF F     | J2           |
| C71      |         |           | CK73FB1H103K  | CHIP C 0.010UF K   |              | C150     |         | *         | CM73F2H680F   | CHIP C 68PF F     | K1,K2,K3     |
| C72      |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |              | C150     |         |           | CM73F2H680J   | CHIP C 68PF J     | J1,J3        |
| C73      |         |           | CK73FB1H102K  | CHIP C 1000PF K    |              | C151     |         |           | C93-0562-05   | CHIP C 15PF J     | J1,J3        |
| C74      |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |              | C152     |         |           | C93-0554-05   | CHIP C 4.0PF C    | E1,E2,E3     |
| C79      |         | *         | CD04BC1E221M  | ELECTRO 220UF 25WV |              | C152     |         |           | C93-0554-05   | CHIP C 4.0PF C    | E4,E5,J      |
| C101     |         |           | C93-0567-05   | CHIP C 39PF J      | E1,E2,E3     | C152     |         |           | C93-0554-05   | CHIP C 4.0PF C    | J2           |
| C101     |         |           | C93-0567-05   | CHIP C 39PF J      | E4,E5,J      | C152     |         |           | C93-0554-05   | CHIP C 4.0PF C    | K1,K2,K3     |
| C101     |         |           | C93-0567-05   | CHIP C 39PF J      | J2           | C153     |         | *         | CM73F2H680F   | CHIP C 68PF F     | E1,E2,E3     |
| C101     |         |           | C93-0567-05   | CHIP C 39PF J      | K1,K2,K3     | C153     |         | *         | CM73F2H680F   | CHIP C 68PF F     | E4,E5,J      |
| C101     |         |           | C93-0569-05   | CHIP C 56PF J      | J1,J3        | C153     |         | *         | CM73F2H680F   | CHIP C 68PF F     | J2           |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

PARTS LIST

FINAL UNIT (X45-360X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description         | Desti-nation | Ref. No. | Address | New parts | Parts No.     | Description       | Desti-nation |
|----------|---------|-----------|---------------|---------------------|--------------|----------|---------|-----------|---------------|-------------------|--------------|
| C153     |         | *         | CM73F2H680F   | CHIP C 68PF F       | K1,K2,K3     | C807     |         |           | CK73FB1E104K  | CHIP C 0.10UF K   |              |
| C153     |         |           | CM73F2H680J   | CHIP C 68PF J       | J1,J3        | C808,809 |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C154     |         |           | C93-0562-05   | CHIP C 15PF J       | J1,J3        | C810-815 |         |           | C91-3115-05   | HV CAP 10PF 2KV   |              |
| C155     |         |           | C93-0554-05   | CHIP C 4.0PF C      | E1,E2,E3     | C816-821 |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C155     |         |           | C93-0554-05   | CHIP C 4.0PF C      | E4,E5,J      | C822-827 |         |           | C91-3115-05   | HV CAP 10PF 2KV   |              |
| C155     |         |           | C93-0554-05   | CHIP C 4.0PF C      | J2           | C828-833 |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C155     |         |           | C93-0554-05   | CHIP C 4.0PF C      | K1,K2,K3     | C834,835 |         |           | C91-3115-05   | HV CAP 10PF 2KV   |              |
| C157     |         |           | CM73F2H200J   | CHIP C 20PF J       |              | C836     |         |           | C91-3126-05   | HV CAP 10PF 3KV   |              |
| C158,159 |         |           | C93-0603-05   | CHIP C 1000PF K     |              | C837-842 |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C160     |         |           | C93-0560-05   | CHIP C 10PF D       |              | C843     |         |           | C91-3126-05   | HV CAP 10PF 3KV   |              |
| C161,162 |         |           | CC73FCH1H100D | CHIP C 10PF D       |              | C844     |         |           | C91-3127-05   | HV CAP 18PF 3KV   |              |
| C201,202 |         |           | CK73FB1H102K  | CHIP C 1000PF K     |              | C845-850 |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C203,204 |         |           | CK73FB1H103K  | CHIP C 0.010UF K    |              | C851,852 |         |           | C91-3127-05   | HV CAP 18PF 3KV   |              |
| C205     |         |           | C91-2691-05   | CERAMIC 470PF 250WV |              | C853-858 |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C206     |         |           | CK73FB1H103K  | CHIP C 0.010UF K    |              | C859     |         |           | C91-3127-05   | HV CAP 18PF 3KV   |              |
| C207     |         | *         | CD04AZ1E471M  | ELECTRO 470UF 25WV  |              | C860-865 |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C208     |         |           | CK73FB1H103K  | CHIP C 0.010UF K    |              | C866-869 |         |           | C91-3123-05   | HV CAP 150PF 3KV  |              |
| C209     |         |           | CK73FB1E104K  | CHIP C 0.10UF K     |              | C870-875 |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C210     |         |           | CK73FB1H103K  | CHIP C 0.010UF K    |              | C876,877 |         |           | C91-3123-05   | HV CAP 150PF 3KV  |              |
| C211     |         |           | CK73FB1E104K  | CHIP C 0.10UF K     |              | C878-883 |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C212     |         |           | CK73FB1H103K  | CHIP C 0.010UF K    |              | C884-887 |         |           | C91-3123-05   | HV CAP 150PF 3KV  |              |
| C213     |         | *         | CD04AZ1E471M  | ELECTRO 470UF 25WV  |              | C888     |         |           | CK73FB1E104K  | CHIP C 0.10UF K   |              |
| C214     |         |           | CK73FB1H103K  | CHIP C 0.010UF K    |              | C890,891 |         |           | C91-3127-05   | HV CAP 18PF 3KV   |              |
| C215     |         |           | CK73FB1E104K  | CHIP C 0.10UF K     |              | C901     |         |           | CC73FCH1H470J | CHIP C 47PF J     |              |
| C216     |         |           | CK73FB1H102K  | CHIP C 1000PF K     |              | C903     |         |           | CD04AY1E470M  | ELECTRO 47UF 25WV |              |
| C217-221 |         |           | CK73FB1E104K  | CHIP C 0.10UF K     |              | C904,905 |         |           | CK73FB1H471K  | CHIP C 470PF K    |              |
| C222,223 |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV   |              | C906,907 |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C224     |         | *         | CD04AZ1V102M  | ELECTRO 1000UF 35WV |              | C908,909 |         |           | CK73FB1H471K  | CHIP C 470PF K    |              |
| C225,226 |         |           | CK73FB1E104K  | CHIP C 0.10UF K     |              | C911,912 |         |           | CK73FB1H471K  | CHIP C 470PF K    |              |
| C227     |         |           | C90-2021-05   | ELECTRO 10UF 25WV   |              | C914     |         |           | CK73FB1C105K  | CHIP C 1.0UF K    |              |
| C228,229 |         |           | CK73FB1E104K  | CHIP C 0.10UF K     |              | C915     |         |           | CC73FCH1H101J | CHIP C 100PF J    |              |
| C230     |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV   |              | C916     |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C231     |         |           | CK73FB1E104K  | CHIP C 0.10UF K     |              | C919,920 |         |           | CK73FB1H471K  | CHIP C 470PF K    |              |
| C232-234 |         |           | CK73FB1H103K  | CHIP C 0.010UF K    |              | C921     |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C235,236 |         |           | CK73FB1H102K  | CHIP C 1000PF K     |              | C922     |         |           | CK73FB1C105K  | CHIP C 1.0UF K    |              |
| C237     |         |           | CK73FB1H103K  | CHIP C 0.010UF K    |              | C924     |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C238     |         |           | CK73FB1H102K  | CHIP C 1000PF K     |              | C926     |         |           | CK73FB1H471K  | CHIP C 470PF K    |              |
| C239     |         |           | CD04AY1E470M  | ELECTRO 47UF 25WV   |              | C928     | *       |           | CD04AZ1H100M  | ELECTRO 10UF 50WV |              |
| C240-244 |         |           | CK73FB1H102K  | CHIP C 1000PF K     |              | C931     |         |           | CC73FCH1H180J | CHIP C 18PF J     |              |
| C250     |         | *         | CD04AZ1E471M  | ELECTRO 470UF 25WV  |              | C932     |         |           | CC73FCH1H100D | CHIP C 10PF D     |              |
| C251     |         |           | CK73FB1E104K  | CHIP C 0.10UF K     |              | C933     |         |           | CD04AY1E470M  | ELECTRO 47UF 25WV |              |
| C252     |         |           | CC73FCH1H470J | CHIP C 47PF J       |              | C934,935 |         |           | CK73FB1H471K  | CHIP C 470PF K    |              |
| C253,254 |         | *         | CD04AZ1V101M  | ELECTRO 100UF 35WV  |              | C936,937 |         |           | CM73F2H330J   | CHIP C 33PF J     | E1,E2,E3     |
| C255     |         |           | CK73FB1H103K  | CHIP C 0.010UF K    |              | C936,937 |         |           | CM73F2H330J   | CHIP C 33PF J     | E4,E5,J      |
| C256     |         | *         | CD04AZ1HR22M  | ELECTRO 0.22UF 50WV |              | C936,937 |         |           | CM73F2H330J   | CHIP C 33PF J     | J2           |
| C259,260 |         |           | CM73F2H331J   | CHIP C 330PF J      |              | C936,937 |         |           | CM73F2H330J   | CHIP C 33PF J     | K1,K2,K3     |
| C262     |         |           | CK73EF1V225Z  | CHIP C 2.2UF Z      |              | C938     |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C263     |         |           | CK73FB1E104K  | CHIP C 0.10UF K     |              | C940     |         |           | CK73FB1H471K  | CHIP C 470PF K    |              |
| C264     |         |           | CK73FB1H102K  | CHIP C 1000PF K     |              | C941,942 |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C265     |         |           | CK73FB1H103K  | CHIP C 0.010UF K    |              | C943     |         |           | C93-0564-05   | CHIP C 22PF J     |              |
| C270     |         |           | C93-0561-05   | CHIP C 12PF J       |              | C944     |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV |              |
| C271     |         |           | C93-0565-05   | CHIP C 27PF J       |              | C945,946 |         |           | CK73FB1H471K  | CHIP C 470PF K    |              |
| C272,273 |         |           | CK73FB1H102K  | CHIP C 1000PF K     | E1,E2,E3     | C947     |         |           | C93-0564-05   | CHIP C 22PF J     |              |
| C272,273 |         |           | CK73FB1H102K  | CHIP C 1000PF K     | E4,E5        | C948     |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C274     |         |           | CK73FB1H103K  | CHIP C 0.010UF K    |              | C949,950 |         |           | CM73F2H330J   | CHIP C 33PF J     |              |
| C501,502 |         |           | CK45FB1H103KN | CERAMIC 0.010UF K   |              | C952,953 |         |           | CK73FB1H471K  | CHIP C 470PF K    |              |
| C511,512 |         |           | CK45FB1H103KN | CERAMIC 0.010UF K   |              | C955     |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV |              |
| C801-803 |         |           | CK73FB1E104K  | CHIP C 0.10UF K     |              | C956     |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C804     |         |           | CK73FB1H102K  | CHIP C 1000PF K     |              | C958     |         |           | CK73FB1E104K  | CHIP C 0.10UF K   |              |
| C805,806 |         |           | C91-3115-05   | HV CAP 10PF 2KV     |              | C959     |         | *         | CD04AS1E470M  | ELECTRO 47UF 25WV |              |

# PARTS LIST

FINAL UNIT (X45-360X-XX)

| Ref. No.  | Address | New parts | Parts No.     | Description                     | Desti-nation | Ref. No.  | Address | New parts | Parts No.   | Description                  | Desti-nation |
|-----------|---------|-----------|---------------|---------------------------------|--------------|-----------|---------|-----------|-------------|------------------------------|--------------|
| C960,961  |         |           | CM73F2H390J   | CHIP C 39PF J                   | E1,E2,E3     | CN905     |         |           | E04-0190-05 | PIN SOCKET                   |              |
| C960,961  |         |           | CM73F2H390J   | CHIP C 39PF J                   | E4,E5,J      | CN906     |         |           | E23-0486-05 | TERMINAL                     |              |
| C960,961  |         |           | CM73F2H390J   | CHIP C 39PF J                   | J2           | CN907-909 |         | *         | E23-1310-05 | TEST TERMINAL                |              |
| C960,961  |         |           | CM73F2H390J   | CHIP C 39PF J                   | K1,K2,K3     | W1        |         | *         | E37-0975-15 | LEAD WIRE WITH TERMINAL      | J,J1,J2      |
| C962      |         |           | CK73FB1H471K  | CHIP C 470PF K                  |              | W1        |         | *         | E37-0975-15 | LEAD WIRE WITH TERMINAL      | J3           |
| C963      |         |           | CK73FB1H103K  | CHIP C 0.010UF K                |              | W1        |         | *         | E37-0975-15 | LEAD WIRE WITH TERMINAL      | K1,K2,K3     |
| C964      |         |           | CM73F2H040D   | CHIP C 4.0PF D                  | E1,E2,E3     | W1        |         | *         | E37-0976-15 | LEAD WIRE WITH TERMINAL      | E1,E2,E3     |
| C964      |         |           | CM73F2H040D   | CHIP C 4.0PF D                  | E4,E5,J      | W1        |         | *         | E37-0976-15 | LEAD WIRE WITH TERMINAL      | E4,E5        |
| C964      |         |           | CM73F2H040D   | CHIP C 4.0PF D                  | J2           |           |         |           |             |                              |              |
| C964      |         |           | CM73F2H040D   | CHIP C 4.0PF D                  | K1,K2,K3     | F1        |         |           | F06-5023-05 | FUSE (5A/125V)               |              |
| C965      |         |           | CM73F2H040D   | CHIP C 4.0PF D                  |              | F2        |         |           | F52-0038-05 | FUSE (BLADE) (4A/32V)        |              |
| C965      |         | *         | CD04A21H100M  | ELECTRO 10UF 50WV               |              | CN6,7     |         |           | J13-0410-05 | FUSE HOLDER                  |              |
| C966      |         |           | CK73FB1H103K  | CHIP C 0.010UF K                |              | -         |         |           | L92-0105-05 | TROIDAL CORE                 |              |
| C967      |         |           | CK73FB1H471K  | CHIP C 470PF K                  |              | -         |         |           | L92-0412-05 | TROIDAL CORE                 |              |
| C968      |         |           | C93-0599-05   | CHIP C 470PF K                  |              | -         |         |           | L92-0412-05 | TROIDAL CORE                 |              |
| C969      |         |           | CK73FB1H471K  | CHIP C 470PF K                  |              | L1        |         |           | L41-4705-33 | SMALL FIXED INDUCTOR (47UH)  | E1,E2,E3     |
| C970      |         |           | CK73FB1H103K  | CHIP C 0.010UF K                |              | L2        |         |           | L41-1095-33 | SMALL FIXED INDUCTOR (1.0UH) | E4,E5        |
| C971      |         |           | CK73FB1H471K  | CHIP C 470PF K                  |              |           |         |           |             |                              |              |
| C973,974  |         |           | CK73FB1H471K  | CHIP C 470PF K                  |              | L3        |         |           | L33-0699-05 | CHOKE COIL                   |              |
| C976      |         |           | CK73FB1H471K  | CHIP C 470PF K                  |              | L4        |         |           | L41-4705-33 | SMALL FIXED INDUCTOR (47UH)  |              |
| C977      |         |           | C93-0599-05   | CHIP C 470PF K                  |              | L5        |         |           | L39-1255-15 | TOROIDAL COIL                |              |
| C978      |         |           | C93-0559-05   | CHIP C 9.0PF D                  |              | L6        |         |           | L33-0699-05 | CHOKE COIL                   |              |
| C980      |         |           | C93-0555-05   | CHIP C 5.0PF C                  |              | L7        |         |           | L39-1452-05 | TOROIDAL COIL                |              |
| C981      |         |           | CC73FCH1H471J | CHIP C 470PF J                  |              |           |         |           |             |                              |              |
| C982      |         |           | CM73F2H120J   | CHIP C 12PF J                   |              | L8        |         |           | L92-0131-05 | CHIP FERRITE                 |              |
| C983      |         |           | C93-0553-05   | CHIP C 3.0PF C                  |              | L9,10     |         |           | L33-0699-05 | CHOKE COIL                   |              |
| C985      |         |           | C93-0566-05   | CHIP C 33PF J                   |              | L11       |         |           | L39-1434-05 | TOROIDAL COIL                |              |
| C987      |         |           | C93-0562-05   | CHIP C 15PF J                   |              | L13       |         |           | L39-1434-05 | TOROIDAL COIL                |              |
| C989-991  |         |           | CC73FCH1H101J | CHIP C 100PF J                  |              | L14-16    |         |           | L33-0699-05 | CHOKE COIL                   |              |
| C992      |         |           | CM73F2H240J   | CHIP C 24PF J                   | E1,E2,E3     | L17       |         |           | L39-1451-05 | TOROIDAL COIL                |              |
| C992      |         |           | CM73F2H240J   | CHIP C 24PF J                   | E4,E5,J      | L18       |         | *         | L39-1437-15 | TOROIDAL COIL                |              |
| C992      |         |           | CM73F2H240J   | CHIP C 24PF J                   | J2           | L21       |         |           | L34-1231-15 | AIR-CORE COIL                |              |
| C993      |         |           | CM73F2H270J   | CHIP C 27PF J                   | K1,K2,K3     | L23       |         |           | L41-4795-33 | SMALL FIXED INDUCTOR (4.7UH) |              |
| C994      |         |           | C93-0558-05   | CHIP C 8.0PF D                  | J1,J3        | L24       |         |           | L33-0617-15 | CHOKE COIL                   |              |
| C994      |         |           | CM73F2H060D   | CHIP C 6.0PF D                  |              | L25       |         |           | L33-0651-05 | CHOKE COIL                   |              |
| C995      |         |           | C93-0566-05   | CHIP C 33PF J                   |              | L26       |         |           | L41-4795-33 | SMALL FIXED INDUCTOR (4.7UH) |              |
| C996,997  |         |           | CC73FCH1H471J | CHIP C 470PF J                  |              | L27       |         |           | L39-1450-05 | TOROIDAL COIL                |              |
| TC101,102 |         |           | C05-0309-05   | CERAMIC TRIMMER CAPACITOR (40P) |              | L29       |         |           | L39-1450-05 | TOROIDAL COIL                |              |
| TC901     |         |           | C05-0030-15   | CERAMIC TRIMMER CAPACITOR (20P) |              | L30-33    |         |           | L92-0149-05 | CHIP FERRITE                 |              |
| CN1,2     |         |           | E04-0154-05   | PIN SOCKET                      |              | L101,102  |         |           | L34-0895-05 | AIR-CORE COIL                |              |
| CN3       |         | *         | E23-1310-05   | TEST TERMINAL                   |              | L103,104  |         |           | L34-1058-05 | AIR-CORE COIL                |              |
| CN4       |         |           | E04-0154-05   | PIN SOCKET                      |              | L105,106  |         |           | L34-1177-05 | AIR-CORE COIL                |              |
| CN5       |         | *         | E40-6528-05   | PIN ASSY                        |              | L107,108  |         |           | L34-0908-05 | AIR-CORE COIL                |              |
| CN8       |         | *         | E40-6525-05   | PIN ASSY                        |              | L109      |         |           | L34-1359-05 | AIR-CORE COIL                |              |
| CN9       |         |           | E40-6078-05   | FLAT CABLE CONNECTOR            |              | L111,112  |         |           | L41-1095-33 | SMALL FIXED INDUCTOR (1.0UH) |              |
| CN10      |         |           | E40-5764-05   | FLAT CABLE CONNECTOR            |              | L114      |         |           | L92-0149-05 | CHIP FERRITE                 |              |
| CN11,12   |         | *         | E23-1310-05   | TEST TERMINAL                   |              | L115      |         |           | L34-4652-05 | AIR-CORE COIL                |              |
| CN14      |         | *         | E23-1310-05   | TEST TERMINAL                   |              | L116      |         |           | L34-4656-05 | AIR-CORE COIL                |              |
| CN15      |         | *         | E41-1692-05   | PIN ASSY                        |              | L117      |         |           | L34-1185-05 | AIR-CORE COIL                |              |
| CN16      |         | *         | E41-1690-05   | PIN ASSY                        |              | L118      |         |           | L34-4652-05 | AIR-CORE COIL                |              |
| CN17      |         | *         | E23-1310-05   | TEST TERMINAL                   |              | L119      |         |           | L34-4653-05 | AIR-CORE COIL                |              |
| CN22      |         |           | E41-1682-05   | PIN ASSY                        |              | L120      |         |           | L34-4402-05 | AIR-CORE COIL                |              |
| CN27      |         | *         | E40-6526-05   | PIN ASSY                        |              | L121,122  |         |           | L34-0452-05 | AIR-CORE COIL                |              |
| CN102,103 |         | *         | E23-1310-05   | TEST TERMINAL                   |              | L124,125  |         |           | L92-0149-05 | CHIP FERRITE                 |              |
| CN203,204 |         |           | E23-1116-05   | RELAY TERMINAL                  |              | L126      |         |           | L34-4658-05 | AIR-CORE COIL                |              |
| CN801,802 |         |           | E04-0154-05   | PIN SOCKET                      |              | L127      |         |           | L92-0149-05 | CHIP FERRITE                 |              |
| CN901     |         |           | E04-0190-05   | PIN SOCKET                      |              | L201,202  |         |           | L41-4705-33 | SMALL FIXED INDUCTOR (47UH)  |              |
| CN902     |         |           | E40-5765-05   | FLAT CABLE CONNECTOR            |              | L205      |         |           | L40-1001-12 | SMALL FIXED INDUCTOR         |              |
| CN903,904 |         |           | E23-1116-05   | RELAY TERMINAL                  |              | L206,207  |         |           | L41-1005-33 | SMALL FIXED INDUCTOR (10UH)  |              |
|           |         |           |               |                                 |              | L208      |         |           | L41-4705-33 | SMALL FIXED INDUCTOR (47UH)  |              |
|           |         |           |               |                                 |              | L209      |         |           | L40-1001-12 | SMALL FIXED INDUCTOR         |              |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

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| Ref. No.                                         | Address | New parts | Parts No.                                                                    | Description                                                                                                                 | Destination                                       |
|--------------------------------------------------|---------|-----------|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| L210<br>L211<br>L501,502<br>L801<br>L802,803     |         |           | L41-1095-33<br>L92-0131-05<br>L39-0421-04<br>L40-1001-12<br>L39-1441-05      | SMALL FIXED INDUCTOR (1.0UH)<br>CHIP FERRITE<br>COIL<br>SMALL FIXED INDUCTOR<br>TOROIDAL COIL                               |                                                   |
| L804<br>L805-807<br>L808<br>L809-811<br>L812     |         |           | L39-1440-05<br>L41-4705-33<br>L34-4633-05<br>L41-4705-33<br>L34-4630-05      | TOROIDAL COIL<br>SMALL FIXED INDUCTOR (47UH)<br>AIR-CORE COIL<br>SMALL FIXED INDUCTOR (47UH)<br>AIR-CORE COIL               |                                                   |
| L813-815<br>L816<br>L817-819<br>L820<br>L821-823 |         |           | L41-4705-33<br>L34-4490-05<br>L41-4705-33<br>L34-4490-05<br>L41-4705-33      | SMALL FIXED INDUCTOR (47UH)<br>AIR-CORE COIL<br>SMALL FIXED INDUCTOR (47UH)<br>AIR-CORE COIL<br>SMALL FIXED INDUCTOR (47UH) |                                                   |
| L824<br>L825-827<br>L828<br>L829-831<br>L832     |         | *         | L34-4628-05<br>L41-4705-33<br>L34-4490-05<br>L41-4705-33<br>L34-4490-05      | AIR-CORE COIL<br>SMALL FIXED INDUCTOR (47UH)<br>AIR-CORE COIL<br>SMALL FIXED INDUCTOR (47UH)<br>AIR-CORE COIL               |                                                   |
| L833-835<br>L852,853<br>L854<br>L855<br>L901     |         |           | L41-4705-33<br>L39-1441-05<br>L39-1440-05<br>L34-1177-05<br>L41-1085-33      | SMALL FIXED INDUCTOR (47UH)<br>TOROIDAL COIL<br>TOROIDAL COIL<br>AIR-CORE COIL<br>SMALL FIXED INDUCTOR (0.1UH)              |                                                   |
| L902<br>L903<br>L904<br>L905<br>L906             |         |           | L92-0149-05<br>L41-1095-33<br>L92-0149-05<br>L34-0895-05<br>L34-0742-05      | CHIP FERRITE<br>SMALL FIXED INDUCTOR (1.0UH)<br>CHIP FERRITE<br>AIR-CORE COIL<br>AIR-CORE COIL                              |                                                   |
| L907<br>L909<br>L910<br>L911<br>L912             |         |           | L92-0149-05<br>L34-0742-05<br>L34-1185-05<br>L41-1085-33<br>L34-0742-05      | CHIP FERRITE<br>AIR-CORE COIL<br>AIR-CORE COIL<br>SMALL FIXED INDUCTOR (0.1UH)<br>AIR-CORE COIL                             |                                                   |
| L913<br>L915<br>L916<br>L917<br>L918,919         |         |           | L92-0149-05<br>L34-1232-15<br>L34-1231-15<br>L34-1239-05<br>L34-1185-05      | CHIP FERRITE<br>AIR-CORE COIL<br>AIR-CORE COIL<br>AIR-CORE COIL<br>AIR-CORE COIL                                            |                                                   |
| L921,922<br>L923<br>L924<br>L926<br>L927-931     |         |           | L34-1185-05<br>L34-4617-15<br>L34-1239-05<br>L41-2275-33<br>L41-1085-33      | AIR-CORE COIL<br>AIR-CORE COIL<br>AIR-CORE COIL<br>SMALL FIXED INDUCTOR (22NH)<br>SMALL FIXED INDUCTOR (100NH)              |                                                   |
| L932                                             |         |           | L34-4617-15                                                                  | AIR-CORE COIL                                                                                                               |                                                   |
| CN803,804<br>R1-3<br>R1,2<br>R1,2<br>R1,2        |         |           | R92-1061-05<br>RK73FB2B101J<br>RK73FB2B101J<br>RK73FB2B101J<br>RK73FB2B101J  | JUMPER REST 0 OHM<br>CHIP R 100 J 1/8W<br>CHIP R 100 J 1/8W<br>CHIP R 100 J 1/8W<br>CHIP R 100 J 1/8W                       | J1,J3<br>E1,E2,E3<br>E4,E5,J<br>J2                |
| R1,2<br>R3<br>R3<br>R3<br>R3                     |         |           | RK73FB2B101J<br>RK73FB2B150J<br>RK73FB2B150J<br>RK73FB2B150J<br>RK73FB2B150J | CHIP R 100 J 1/8W<br>CHIP R 15 J 1/8W<br>CHIP R 15 J 1/8W<br>CHIP R 15 J 1/8W<br>CHIP R 15 J 1/8W                           | K1,K2,K3<br>E1,E2,E3<br>E4,E5,J<br>J2<br>K1,K2,K3 |
| R4<br>R5<br>R6                                   |         |           | RK73FB2B681J<br>RK73FB2B332J<br>RK73FB2B681J                                 | CHIP R 680 J 1/8W<br>CHIP R 3.3K J 1/8W<br>CHIP R 680 J 1/8W                                                                |                                                   |
| Ref. No.                                         | Address | New parts | Parts No.                                                                    | Description                                                                                                                 | Destination                                       |
| R7<br>R8<br>R9<br>R10<br>R11                     |         |           | RK73FB2B152J<br>RK73FB2B471J<br>RK73FB2B100J<br>RK73FB2B000J<br>RK73FB2B221J | CHIP R 1.5K J 1/8W<br>CHIP R 470 J 1/8W<br>CHIP R 10 J 1/8W<br>CHIP R 0 OHM<br>CHIP R 220 J 1/8W                            |                                                   |
| R12<br>R13<br>R14<br>R15<br>R16-19               |         | *         | RK73FB2B391J<br>RK73FB2B471J<br>RK73RB2H2R2J<br>RK73EB2E221J<br>RK73FB2B1R0J | CHIP R 390 J 1/8W<br>CHIP R 470 J 1/8W<br>CHIP R 2.2 J 1/2W<br>CHIP R 220 J 1/4W<br>CHIP R 1.0 J 1/8W                       |                                                   |
| R20,21<br>R24<br>R25<br>R26<br>R27               |         | *         | RK73FB2B101J<br>RK73RB2H101J<br>RK73FB2B820J<br>RK73FB2B270J<br>RK73RB2H561J | CHIP R 100 J 1/8W<br>CHIP R 100 J 1/2W<br>CHIP R 82 J 1/8W<br>CHIP R 27 J 1/8W<br>CHIP R 560 J 1/2W                         |                                                   |
| R30<br>R31,32<br>R31,32<br>R31,32<br>R31,32      |         |           | R92-1318-05<br>R92-2673-05<br>R92-2673-05<br>R92-2673-05<br>R92-2673-05      | CHIP R 100 J 1W<br>CHIP R 1.0 J 1W<br>CHIP R 1.0 J 1W<br>CHIP R 1.0 J 1W<br>CHIP R 1.0 J 1W                                 | E1,E2,E3<br>E4,E5,J<br>J2<br>K1,K2,K3             |
| R31,32<br>R33,34<br>R33,34<br>R33,34<br>R33,34   |         |           | R92-3510-05<br>R92-3507-05<br>R92-3511-05<br>R92-3511-05<br>R92-3511-05      | CHIP R 2.2 J 1W<br>RESISTOR 8.2<br>CHIP R 8.2 J 1/2W<br>CHIP R 8.2 J 1/2W<br>CHIP R 8.2 J 1/2W                              | J1,J3<br>J1,J3<br>E1,E2,E3<br>E4,E5,J<br>J2       |
| R33,34<br>R35-40<br>R41,42<br>R43<br>R44         |         |           | R92-3511-05<br>RK73EB2E1R0J<br>R92-1240-05<br>RK73FB2B331J<br>RS14DB3A4R7J   | CHIP R 8.2 J 1/2W<br>CHIP R 1.0 J 1/4W<br>CHIP R 10 J 1/4W<br>CHIP R 330 J 1/8W<br>FL-PROOF RS 4.7 J 1W                     | K1,K2,K3                                          |
| R45,46<br>R101<br>R102<br>R103<br>R106           |         |           | RS14DB3D390J<br>R92-1318-05<br>RS14DB3A100J<br>RS14DB3F101J<br>RK73RB2H101J  | FL-PROOF RS 39 J 2W<br>CHIP R 100 J 1W<br>FL-PROOF RS 10 J 1W<br>FL-PROOF RS 100 J 3W<br>CHIP R 100 J 1/2W                  |                                                   |
| R107<br>R108<br>R109<br>R110<br>R110             |         | *         | RK73RB2H270J<br>RK73FB2B100J<br>RK73FB2B331J<br>RK73FB2B470J<br>RK73FB2B561J | CHIP R 27 J 1/2W<br>CHIP R 10 J 1/8W<br>CHIP R 330 J 1/8W<br>CHIP R 47 J 1/8W<br>CHIP R 560 J 1/8W                          | J1,J3<br>E1,E2,E3                                 |
| R110<br>R110<br>R110<br>R111<br>R112,113         |         |           | RK73FB2B561J<br>RK73FB2B561J<br>RK73FB2B561J<br>RK73RB2H120J<br>RK73RB2H220J | CHIP R 560 J 1/8W<br>CHIP R 560 J 1/8W<br>CHIP R 560 J 1/8W<br>CHIP R 12 J 1/2W<br>CHIP R 22 J 1/2W                         | E4,E5,J<br>J2<br>K1,K2,K3<br>J1,J3                |
| R201<br>R202<br>R202<br>R202<br>R202             |         | *         | RK73FB2B472J<br>RK73PB2H2R2J<br>RK73PB2H2R2J<br>R92-2536-05<br>R92-2536-05   | CHIP R 4.7K J 1/8W<br>CHIP R 2.2 J 1/2W<br>CHIP R 2.2 J 1/2W<br>CHIP R 2.2 J 1/4W<br>CHIP R 2.2 J 1/4W                      | E1,E2,E3<br>J2<br>E4,E5<br>J,J1,J2<br>J3          |
| R202<br>R203<br>R204<br>R205<br>R206             |         |           | R92-2536-05<br>RK73FB2B472J<br>RK73RB2H180J<br>RK73FB2B102J<br>RK73FB2B100J  | CHIP R 2.2 J 1/4W<br>CHIP R 4.7K J 1/8W<br>CHIP R 18 J 1/2W<br>CHIP R 1.0K J 1/8W<br>CHIP R 10 J 1/8W                       | K1,K2,K3<br>J2<br>J,J1,J2                         |
| R206<br>R206<br>R207<br>R208<br>R209-212         |         | *         | RK73FB2B100J<br>RK73FB2B100J<br>RK73FB2B333J<br>RK73FB2B911J<br>RK73FB2B101J | CHIP R 10 J 1/8W<br>CHIP R 10 J 1/8W<br>CHIP R 33K J 1/8W<br>CHIP R 910 J 1/8W<br>CHIP R 100 J 1/8W                         | J3<br>K1,K2,K3                                    |

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| Ref. No. | Address | New parts | Parts No.    | Description          | Desti-nation | Ref. No.  | Address | New parts | Parts No.     | Description        | Desti-nation |
|----------|---------|-----------|--------------|----------------------|--------------|-----------|---------|-----------|---------------|--------------------|--------------|
| R213     |         |           | RK73RB2H2R2J | CHIP R 2.2 J 1/2W    |              | K821      |         |           | S76-0415-05   | RELAY              |              |
| R214     |         |           | RK73EB2E000J | CHIP R 0 OHM         |              | K822,823  |         |           | S76-0419-25   | RELAY              |              |
| R216,217 |         |           | RK73FB2B000J | CHIP R 0 OHM         |              | K824      |         |           | S76-0415-05   | RELAY              |              |
| R218     |         |           | RK73FB2B101J | CHIP R 100 J 1/8W    |              | D1        |         |           | DAN235E       | DIODE              |              |
| R219     |         |           | RK73FB2B681J | CHIP R 680 J 1/8W    |              | D2        |         | *         | MA2C029WBF    | VARISTOR           |              |
| R220     |         |           | RK73FB2B100J | CHIP R 10 J 1/8W     |              | D3        |         |           | 1SS355        | DIODE              |              |
| R221     |         |           | RK73FB2B4R7J | CHIP R 4.7 J 1/8W    |              | D5        |         |           | DAN202K       | DIODE              |              |
| R222     |         |           | RK73EB2E000J | CHIP R 0 OHM         |              | D6        |         |           | 1SS355        | DIODE              |              |
| R223     |         |           | RK73FB2B181J | CHIP R 180 J 1/8W    |              | D7,8      |         |           | MA2B027(B)    | VARISTOR           |              |
| R224     |         |           | RK73FB2B680J | CHIP R 68 J 1/8W     |              | D101,102  |         |           | MA3J742       | DIODE              |              |
| R225     |         |           | RK73FB2B332J | CHIP R 3.3K J 1/8W   |              | D103,104  |         |           | MA2B027(B)    | VARISTOR           |              |
| R226     |         |           | RK73FB2B103J | CHIP R 10K J 1/8W    |              | D201      |         |           | ZSH5MA27      | SURGE ABSORBER     |              |
| R227     |         |           | RK73FB2B122J | CHIP R 1.2K J 1/8W   |              | D202      |         |           | 1SS355        | DIODE              |              |
| R228     |         |           | RK73FB2B270J | CHIP R 27 J 1/8W     |              | D203      |         | *         | 02CZ16(Y)F    | ZENER DIODE        |              |
| R501,502 |         |           | RS14DB3F820J | FL-PROOF RS 82 J 3W  |              | D204      |         |           | 1SS355        | DIODE              |              |
| R901     |         |           | RK73FB2B563J | CHIP R 56K J 1/8W    |              | D206-209  |         |           | DAP202U       | DIODE              |              |
| R902     |         |           | RK73FB2B000J | CHIP R 0 OHM         |              | D210      |         |           | 1SS355        | DIODE              |              |
| R903     |         | *         | RK73FB2B470J | CHIP R 47 J 1/8W     |              | D211      |         | *         | 02CZ12(Z)F    | ZENER DIODE        |              |
| R904     |         |           | RK73FB2B274J | CHIP R 270K J 1/8W   |              | D801-824  |         |           | 1SS355        | DIODE              |              |
| R906     |         |           | RK73FB2B000J | CHIP R 0 OHM         |              | D901-903  |         |           | MA2B027(B)    | VARISTOR           |              |
| R907     |         |           | RK73FB2B332J | CHIP R 3.3K J 1/8W   |              | D904,905  |         | *         | HSM88ASR-E    | DIODE              |              |
| R908     |         |           | RK73FB2B000J | CHIP R 0 OHM         |              | D906      |         |           | MA4PH633      | DIODE              |              |
| R909     |         |           | RK73FB2B470J | CHIP R 47 J 1/8W     |              | D908      |         |           | L709CER       | DIODE              |              |
| R910     |         |           | RK73FB2B183J | CHIP R 18K J 1/8W    |              | D909      |         | *         | HVU131-E      | DIODE              |              |
| R911     |         |           | RK73FB2B221J | CHIP R 220 J 1/8W    |              | IC201     |         | *         | TA7808FQ      | ANALOGUE IC        |              |
| R912     |         |           | R92-1221-05  | CHIP R 82 J 1/4W     |              | IC202     |         | *         | TA7808SQ      | BI-POLAR IC        |              |
| R913     |         |           | RK73FB2B391J | CHIP R 390 J 1/8W    |              | IC203     |         |           | BA10T         | MOS-IC             |              |
| R914     |         |           | RK73RB2H151J | CHIP R 150 J 1/2W    |              | IC204     |         |           | TA7805FQ      | IC (AVR)           |              |
| R915     |         |           | RK73RB2H820J | CHIP R 82 J 1/2W     |              | IC205     |         |           | BU2099FV      | IC (EXTENDED I/O)  |              |
| R916,917 |         |           | RK73FB2B681J | CHIP R 680 J 1/8W    |              | IC801-803 |         | *         | UPD6345GS-A   | IC (EXTENDED I/O)  |              |
| R918     |         |           | RK73RB2H820J | CHIP R 82 J 1/2W     |              | Q1        |         |           | 2SK2596       | FET                |              |
| R919-922 |         |           | RK73FB2B183J | CHIP R 18K J 1/8W    |              | Q2        |         | *         | 2SC1971-101   | TRANSISTOR         |              |
| R923,924 |         |           | RK73FB2B220J | CHIP R 22 J 1/8W     |              | Q3,4      |         | *         | 2SC1972-126   | TRANSISTOR         |              |
| R925     |         |           | RK73FB2B390J | CHIP R 39 J 1/8W     | E1,E2,E3     | Q6,7      |         | *         | 2SC5125-101   | TRANSISTOR         |              |
| R925     |         |           | RK73FB2B390J | CHIP R 39 J 1/8W     | E4,E5,J      | Q8        |         |           | 2SC3421-Q(Y)  | TRANSISTOR         |              |
| R925     |         |           | RK73FB2B390J | CHIP R 39 J 1/8W     | J2           | Q101,102  |         | *         | 2SC2694-101   | TRANSISTOR         |              |
| R925     |         |           | RK73FB2B390J | CHIP R 39 J 1/8W     | K1,K2,K3     | Q103      |         |           | 2SC3421-Q(Y)  | TRANSISTOR         |              |
| R925     |         |           | RK73FB2B680J | CHIP R 68 J 1/8W     | J1,J3        | Q201      |         | *         | IMD2A         | TRANSISTOR         |              |
| R926     |         |           | RK73FB2B151J | CHIP R 150 J 1/8W    | J1,J3        | Q202,203  |         |           | DTA143EKA     | DIGITAL TRANSISTOR |              |
| R928     |         |           | RK73EB2E000J | CHIP R 0 OHM         |              | Q204,205  |         |           | DTD123EK      | DIGITAL TRANSISTOR |              |
| VR1      |         |           | R12-6730-05  | TRIMMING POT. (220)  |              | Q206      |         |           | DTC114EKA     | DIGITAL TRANSISTOR |              |
| VR2      |         |           | R12-6737-05  | TRIMMING POT. (3.3K) |              | Q207      |         |           | DTC143TKA     | DIGITAL TRANSISTOR |              |
| VR102    |         |           | R12-6737-05  | TRIMMING POT. (3.3K) |              | Q208-215  |         |           | DTB143EK      | DIGITAL TRANSISTOR |              |
| VR901    |         |           | R12-6730-05  | TRIMMING POT. (220)  |              | Q216,217  |         | *         | IMD2A         | TRANSISTOR         |              |
| VR902    |         |           | R12-6737-05  | TRIMMING POT. (3.3K) |              | Q218      |         |           | 2SC2412K(R)   | TRANSISTOR         |              |
| K1       |         |           | S76-0424-05  | RELAY                |              | Q901      |         |           | 2SK2596       | FET                |              |
| K201     |         |           | S76-0429-05  | RELAY                |              | Q902      |         |           | 2SK2595-E     | FET                |              |
| K801,802 |         |           | S76-0419-25  | RELAY                |              | Q903      |         | *         | 2SC3022-101   | TRANSISTOR         |              |
| K803     |         |           | S76-0415-05  | RELAY                |              | Q904      |         |           | 2SC3421-Q(Y)  | TRANSISTOR         |              |
| K804,805 |         |           | S76-0419-25  | RELAY                |              | Q905      |         | *         | 2SC3102-101   | TRANSISTOR         |              |
| K806     |         |           | S76-0415-05  | RELAY                |              | TH101,102 |         |           | 157-501-55003 | THERMISTOR         |              |
| K807,808 |         |           | S76-0419-25  | RELAY                |              | TH201     |         |           | 10KD-5        | THERMISTOR         |              |
| K809     |         |           | S76-0415-05  | RELAY                |              | TH901     |         |           | 157-153-53002 | THERMISTOR         |              |
| K810,811 |         |           | S76-0419-25  | RELAY                |              | -         |         |           | 212-1021-05   | INSULATING TUBE    |              |
| K812     |         |           | S76-0415-05  | RELAY                |              |           |         |           |               |                    |              |
| K813,814 |         |           | S76-0419-25  | RELAY                |              |           |         |           |               |                    |              |
| K815     |         |           | S76-0415-05  | RELAY                |              |           |         |           |               |                    |              |
| K816,817 |         |           | S76-0419-25  | RELAY                |              |           |         |           |               |                    |              |
| K818     |         |           | S76-0415-05  | RELAY                |              |           |         |           |               |                    |              |
| K819,820 |         |           | S76-0419-25  | RELAY                |              |           |         |           |               |                    |              |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

PARTS LIST

FILTER UNIT (X51-315X-XX)

| Ref. No.                                                                                    | Address | New parts | Parts No.     | Description       | Desti-nation |
|---------------------------------------------------------------------------------------------|---------|-----------|---------------|-------------------|--------------|
| FILTER UNIT (X51-315X-XX) 0-00 : J,J2 0-01 : J1,J3<br>0-11 : K1,K2,K3 2-71 : E1,E2,E3,E4,E5 |         |           |               |                   |              |
| C2                                                                                          |         |           | C93-0553-05   | CHIP C 3.0PF C    |              |
| C3                                                                                          |         |           | C93-0562-05   | CHIP C 15PF J     |              |
| C5                                                                                          |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C7                                                                                          |         |           | CK73FB1H102K  | CHIP C 1000PF K   |              |
| C8                                                                                          |         |           | CC73FCH1H680J | CHIP C 68PF J     |              |
| C9                                                                                          |         |           | C93-0553-05   | CHIP C 3.0PF C    |              |
| C10                                                                                         |         |           | CC73FCH1H560J | CHIP C 56PF J     |              |
| C11                                                                                         |         |           | CK73FB1H102K  | CHIP C 1000PF K   |              |
| C12-14                                                                                      |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C15,16                                                                                      |         |           | CC73FCH1H470J | CHIP C 47PF J     |              |
| C17-26                                                                                      |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C27                                                                                         |         |           | CK73FB1H102K  | CHIP C 1000PF K   |              |
| C28,29                                                                                      |         |           | CK73FB1E104K  | CHIP C 0.10UF K   |              |
| C30                                                                                         |         |           | CD04AY1E470M  | ELECTRO 47UF 25WV |              |
| C31,32                                                                                      |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C34                                                                                         |         |           | C93-0562-05   | CHIP C 15PF J     |              |
| C35                                                                                         |         |           | C93-0565-05   | CHIP C 27PF J     |              |
| C36                                                                                         |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C37                                                                                         |         |           | C93-0556-05   | CHIP C 6.0PF D    |              |
| C38                                                                                         |         |           | CC73FCH1H330J | CHIP C 33PF J     | E1,E2,E3     |
| C38                                                                                         |         |           | CC73FCH1H330J | CHIP C 33PF J     | E4,E5,J      |
| C38                                                                                         |         |           | CC73FCH1H330J | CHIP C 33PF J     | J1,J2,J3     |
| C201                                                                                        |         |           | CM73F2H102J   | CHIP C 1000PF J   |              |
| C202                                                                                        |         |           | CM73F2H561J   | CHIP C 560PF J    |              |
| C203                                                                                        |         |           | CM73F2H102J   | CHIP C 1000PF J   |              |
| C204                                                                                        |         |           | CM73F2H821J   | CHIP C 820PF J    |              |
| C205                                                                                        |         |           | C93-0573-05   | CHIP C 120PF J    |              |
| C206                                                                                        |         |           | CM73F2H102J   | CHIP C 1000PF J   |              |
| C207                                                                                        |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C208,209                                                                                    |         |           | C93-0570-05   | CHIP C 68PF J     |              |
| C251                                                                                        |         |           | CM73F2H561J   | CHIP C 560PF J    |              |
| C252                                                                                        |         |           | C93-0573-05   | CHIP C 120PF J    |              |
| C253                                                                                        |         |           | CM73F2H102J   | CHIP C 1000PF J   |              |
| C255                                                                                        |         |           | C93-0573-05   | CHIP C 120PF J    |              |
| C256                                                                                        |         |           | CM73F2H561J   | CHIP C 560PF J    |              |
| C258                                                                                        |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C261                                                                                        |         |           | C93-0565-05   | CHIP C 27PF J     |              |
| C262,263                                                                                    |         |           | C93-0573-05   | CHIP C 120PF J    |              |
| C301,302                                                                                    |         |           | C93-0572-05   | CHIP C 100PF J    |              |
| C303,304                                                                                    |         |           | CM73F2H471J   | CHIP C 470PF J    |              |
| C305                                                                                        |         |           | C93-0564-05   | CHIP C 22PF J     |              |
| C306                                                                                        |         |           | CM73F2H331J   | CHIP C 330PF J    |              |
| C307                                                                                        |         |           | CK73FB1H103K  | CHIP C 0.010UF K  |              |
| C308                                                                                        |         |           | CM73F2H271J   | CHIP C 270PF J    |              |
| C311                                                                                        |         |           | CM73F2H331J   | CHIP C 330PF J    |              |
| C351                                                                                        |         |           | C93-0571-05   | CHIP C 82PF J     | E1,E2,E3     |
| C351                                                                                        |         |           | C93-0571-05   | CHIP C 82PF J     | E4,E5        |
| C353                                                                                        |         |           | C93-0568-05   | CHIP C 47PF J     | E1,E2,E3     |
| C353                                                                                        |         |           | C93-0568-05   | CHIP C 47PF J     | E4,E5        |
| C355                                                                                        |         |           | CM73F2H471J   | CHIP C 470PF J    | E1,E2,E3     |
| C355                                                                                        |         |           | CM73F2H471J   | CHIP C 470PF J    | E4,E5        |
| C356                                                                                        |         |           | C93-0572-05   | CHIP C 100PF J    | E1,E2,E3     |
| C356                                                                                        |         |           | C93-0572-05   | CHIP C 100PF J    | E4,E5        |
| C357                                                                                        |         |           | C93-0573-05   | CHIP C 120PF J    | E1,E2,E3     |
| C357                                                                                        |         |           | C93-0573-05   | CHIP C 120PF J    | E4,E5        |
| C358                                                                                        |         |           | CK73FB1H103K  | CHIP C 0.010UF K  | E1,E2,E3     |
| C358                                                                                        |         |           | CK73FB1H103K  | CHIP C 0.010UF K  | E4,E5        |

| Ref. No. | Address | New parts | Parts No.    | Description                | Desti-nation |
|----------|---------|-----------|--------------|----------------------------|--------------|
| C360     |         |           | CK73FB1H103K | CHIP C 0.010UF K           |              |
| C362     |         |           | C93-0573-05  | CHIP C 120PF J             | E1,E2,E3     |
| C362     |         |           | C93-0573-05  | CHIP C 120PF J             | E4,E5        |
| C401,402 |         |           | C93-0573-05  | CHIP C 120PF J             |              |
| C403     |         |           | C93-0569-05  | CHIP C 56PF J              | E1,E2,E3     |
| C403     |         |           | C93-0569-05  | CHIP C 56PF J              | E4,E5        |
| C403     |         |           | C93-0572-05  | CHIP C 100PF J             | J,J1,J2      |
| C403     |         |           | C93-0572-05  | CHIP C 100PF J             | J3           |
| C403     |         |           | C93-0572-05  | CHIP C 100PF J             | K1,K2,K3     |
| C404,405 |         |           | C93-0573-05  | CHIP C 120PF J             |              |
| C406     |         |           | C93-0565-05  | CHIP C 27PF J              | E1,E2,E3     |
| C406     |         |           | C93-0565-05  | CHIP C 27PF J              | E4,E5        |
| C406     |         |           | C93-0567-05  | CHIP C 39PF J              | J,J1,J2      |
| C406     |         |           | C93-0567-05  | CHIP C 39PF J              | J3           |
| C406     |         |           | C93-0567-05  | CHIP C 39PF J              | K1,K2,K3     |
| C407     |         |           | C93-0566-05  | CHIP C 33PF J              | J,J1,J2      |
| C407     |         |           | C93-0566-05  | CHIP C 33PF J              | J3           |
| C407     |         |           | C93-0566-05  | CHIP C 33PF J              | K1,K2,K3     |
| C407     |         |           | C93-0571-05  | CHIP C 82PF J              | E1,E2,E3     |
| C407     |         |           | C93-0571-05  | CHIP C 82PF J              | E4,E5        |
| C408     |         |           | CK73FB1H103K | CHIP C 0.010UF K           |              |
| C411     |         |           | C93-0560-05  | CHIP C 10PF D              | J,J1,J2      |
| C411     |         |           | C93-0560-05  | CHIP C 10PF D              | J3           |
| C411     |         |           | C93-0560-05  | CHIP C 10PF D              | K1,K2,K3     |
| C451,452 |         |           | C93-0562-05  | CHIP C 15PF J              |              |
| C453     |         |           | C93-0572-05  | CHIP C 100PF J             |              |
| C454     |         |           | C93-0571-05  | CHIP C 82PF J              |              |
| C455     |         |           | C93-0566-05  | CHIP C 33PF J              |              |
| C456     |         |           | C93-0571-05  | CHIP C 82PF J              |              |
| C457     |         |           | CK73FB1H103K | CHIP C 0.010UF K           |              |
| C458     |         |           | C93-0552-05  | CHIP C 2.0PF C             |              |
| C501     |         |           | C93-0571-05  | CHIP C 82PF J              |              |
| C502     |         |           | C93-0569-05  | CHIP C 56PF J              |              |
| C503     |         |           | C93-0571-05  | CHIP C 82PF J              |              |
| C504     |         |           | C93-0572-05  | CHIP C 100PF J             |              |
| C505     |         |           | C93-0562-05  | CHIP C 15PF J              |              |
| C506     |         |           | C93-0570-05  | CHIP C 68PF J              |              |
| C507     |         |           | CK73FB1H103K | CHIP C 0.010UF K           |              |
| C508     |         |           | C93-0555-05  | CHIP C 5.0PF C             |              |
| C509     |         |           | C93-0552-05  | CHIP C 2.0PF C             |              |
| C551     |         |           | C93-0558-05  | CHIP C 8.0PF D             |              |
| C553     |         |           | C93-0568-05  | CHIP C 47PF J              |              |
| C554     |         |           | C93-0559-05  | CHIP C 9.0PF D             |              |
| C555     |         |           | C93-0569-05  | CHIP C 56PF J              |              |
| C557     |         |           | C93-0562-05  | CHIP C 15PF J              |              |
| C558     |         |           | C93-0563-05  | CHIP C 18PF J              |              |
| C559,560 |         |           | CK73FB1H103K | CHIP C 0.010UF K           |              |
| C561     |         |           | C93-0558-05  | CHIP C 8.0PF D             |              |
| C562     |         |           | C93-0554-05  | CHIP C 4.0PF C             |              |
| C563     |         |           | C93-0553-05  | CHIP C 3.0PF C             |              |
| C601     |         |           | C93-0555-05  | CHIP C 5.0PF C             |              |
| TC1      |         |           | C05-0031-15  | CERAMIC TRIMMER CAP (10PF) |              |
| CN2,3    |         | *         | E23-1310-05  | TEST TERMINAL              |              |
| CN4      |         |           | E04-0154-05  | PIN SOCKET                 |              |
| CN5-8    |         | *         | E23-1310-05  | TEST TERMINAL              |              |
| CN9      |         | *         | E41-1692-05  | PIN ASSY                   |              |
| CN10     |         | *         | E41-1690-05  | PIN ASSY                   |              |
| CN12,13  |         |           | E04-0154-05  | PIN SOCKET                 |              |
| CN20     |         |           | E04-0154-05  | PIN SOCKET                 |              |

## PARTS LIST

FILTER UNIT (X51-315X-XX)  
CONTROL UNIT (X53-391X-XX)

| Ref. No. | Address | New parts | Parts No.    | Description                  | Desti-<br>nation | Ref. No.                                                                                                    | Address | New parts | Parts No.     | Description         | Desti-<br>nation |
|----------|---------|-----------|--------------|------------------------------|------------------|-------------------------------------------------------------------------------------------------------------|---------|-----------|---------------|---------------------|------------------|
| CN21     |         |           | E04-0190-05  | PIN SOCKET                   |                  | R35                                                                                                         |         |           | RK73FB2B103J  | CHIP R 10K J 1/8W   |                  |
| -        |         |           | L92-0104-05  | TROIDAL CORE                 |                  | R36                                                                                                         |         |           | RK73FB2B332J  | CHIP R 3.3K J 1/8W  |                  |
| -        |         |           | L92-0107-05  | TROIDAL CORE                 |                  | R37,38                                                                                                      |         |           | RK73FB2B103J  | CHIP R 10K J 1/8W   |                  |
| -        |         |           | L92-0108-05  | TROIDAL CORE                 |                  | R39                                                                                                         |         |           | RK73FB2B101J  | CHIP R 100 J 1/8W   |                  |
| L2,3     |         |           | L34-1232-15  | AIR-CORE COIL                |                  | R40                                                                                                         |         |           | RK73FB2B000J  | CHIP R 0.0 J 1/8W   | J1,J3            |
| L4       |         |           | L41-1095-33  | SMALL FIXED INDUCTOR (1.UH)  |                  | R40                                                                                                         |         |           | RK73FB2B333J  | CHIP R 33K J 1/8W   | E1,E2,E3         |
| L5       |         |           | L34-1088-05  | AIR-CORE COIL                |                  | R40                                                                                                         |         |           | RK73FB2B333J  | CHIP R 33K J 1/8W   | E4,E5,J          |
| L6       |         |           | L40-1021-12  | SMALL FIXED INDUCTOR         |                  | R40                                                                                                         |         |           | RK73FB2B333J  | CHIP R 33K J 1/8W   | J2               |
| L7       |         |           | L39-0480-15  | TOROIDAL COIL                |                  | R40                                                                                                         |         |           | RK73FB2B333J  | CHIP R 33K J 1/8W   | K1,K2,K3         |
| L8       |         |           | L40-1021-12  | SMALL FIXED INDUCTOR         |                  | R41                                                                                                         |         |           | RK73FB2B000J  | CHIP R 0 OHM        | K1,K2,K3         |
| L9       |         |           | L39-1442-05  | TOROIDAL COIL                |                  | VR1                                                                                                         |         |           | R12-6730-05   | TRIMMING POT. (220) |                  |
| L10      |         |           | L39-1443-05  | TOROIDAL COIL                |                  | VR2                                                                                                         |         |           | R12-6742-05   | TRIMMING POT. (22K) |                  |
| L11,12   |         |           | L41-4705-33  | SMALL FIXED INDUCTOR (47UH)  |                  | K1                                                                                                          |         |           | S51-1429-05   | RELAY               |                  |
| L13      |         | *         | L41-1885-32  | SMALL FIXED INDUCTOR (180NH) |                  | K2                                                                                                          |         |           | S76-0430-05   | RELAY               |                  |
| L14,15   |         |           | L41-4705-33  | SMALL FIXED INDUCTOR (47UH)  |                  | K3,4                                                                                                        |         |           | S76-0424-05   | RELAY               |                  |
| L16      |         | *         | L41-2775-33  | SMALL FIXED INDUCTOR (27NH)  | E1,E2,E3         | K201,202                                                                                                    |         |           | S76-0423-05   | RELAY               |                  |
| L16      |         | *         | L41-2775-33  | SMALL FIXED INDUCTOR (27NH)  | E4,E5,J          | K251,252                                                                                                    |         |           | S76-0423-05   | RELAY               |                  |
| L16      |         | *         | L41-2775-33  | SMALL FIXED INDUCTOR (27NH)  | J1,J2,J3         | K301,302                                                                                                    |         |           | S76-0423-05   | RELAY               |                  |
| L201     |         |           | L41-4705-33  | SMALL FIXED INDUCTOR (47UH)  |                  | K351,352                                                                                                    |         |           | S76-0423-05   | RELAY               | E1,E2,E3         |
| L202     |         |           | L39-1259-05  | TOROIDAL COIL                |                  | K351,352                                                                                                    |         |           | S76-0423-05   | RELAY               | E4,E5            |
| L203     |         |           | L39-1260-05  | TOROIDAL COIL                |                  | K401,402                                                                                                    |         |           | S76-0423-05   | RELAY               |                  |
| L251     |         |           | L41-4705-33  | SMALL FIXED INDUCTOR (47UH)  |                  | K451,452                                                                                                    |         |           | S76-0423-05   | RELAY               |                  |
| L252     |         |           | L39-1405-05  | TOROIDAL COIL                |                  | K501,502                                                                                                    |         |           | S51-1420-05   | RELAY               |                  |
| L253     |         |           | L39-1225-05  | TOROIDAL COIL                |                  | K551,552                                                                                                    |         |           | S51-1420-05   | RELAY               |                  |
| L301     |         |           | L41-4705-33  | SMALL FIXED INDUCTOR (47UH)  |                  | D2                                                                                                          |         |           | 1SS355        | DIODE               |                  |
| L302,303 |         |           | L39-1457-05  | TOROIDAL COIL                |                  | D3,4                                                                                                        |         |           | 1SS348-F      | DIODE               |                  |
| L351     |         |           | L41-4705-33  | SMALL FIXED INDUCTOR (47UH)  | E1,E2,E3         | D5-7                                                                                                        |         |           | 1SS355        | DIODE               |                  |
| L351     |         |           | L41-4705-33  | SMALL FIXED INDUCTOR (47UH)  | E4,E5            | D8,9                                                                                                        |         |           | DSA301LA      | DIODE               |                  |
| L352,353 |         |           | L39-1221-05  | TOROIDAL COIL                | E1,E2,E3         | D10,11                                                                                                      |         |           | HSM88AS-E     | DIODE               |                  |
| L352,353 |         |           | L39-1221-05  | TOROIDAL COIL                | E4,E5            | D201                                                                                                        |         |           | 1SS355        | DIODE               |                  |
| L401     |         |           | L41-4705-33  | SMALL FIXED INDUCTOR (47UH)  |                  | D251                                                                                                        |         |           | 1SS355        | DIODE               |                  |
| L402-404 |         |           | L39-1456-05  | TOROIDAL COIL                |                  | D301                                                                                                        |         |           | 1SS355        | DIODE               |                  |
| L451     |         |           | L41-4705-33  | SMALL FIXED INDUCTOR (47UH)  |                  | D351                                                                                                        |         |           | 1SS355        | DIODE               | E1,E2,E3         |
| L452,453 |         |           | L34-1279-05  | AIR-CORE COIL                |                  | D351                                                                                                        |         |           | 1SS355        | DIODE               | E4,E5            |
| L501     |         |           | L41-4705-33  | SMALL FIXED INDUCTOR (47UH)  |                  | D401                                                                                                        |         |           | 1SS355        | DIODE               |                  |
| L502     |         |           | L34-4661-05  | AIR-CORE COIL                |                  | D451                                                                                                        |         |           | 1SS355        | DIODE               |                  |
| L503     |         |           | L34-1282-05  | AIR-CORE COIL                |                  | D501                                                                                                        |         |           | 1SS355        | DIODE               |                  |
| L551     |         |           | L41-4705-33  | SMALL FIXED INDUCTOR (47UH)  |                  | D551                                                                                                        |         |           | 1SS355        | DIODE               |                  |
| L552     |         | *         | L34-4662-05  | AIR-CORE COIL                |                  | IC1                                                                                                         | *       |           | TA75S393F-F   | IC (COMPARATOR)     |                  |
| L553     |         |           | L34-4491-05  | AIR-CORE COIL                |                  | IC2                                                                                                         |         |           | TC7WH74FU-F   | IC (D FLIP-FLOP)    |                  |
| L554     |         |           | L34-1359-05  | AIR-CORE COIL                |                  | Q1,2                                                                                                        |         |           | 2SK208-F(GR)  | FET                 |                  |
| R2,3     |         |           | R92-1205-05  | CHIP R 120 J 1/4W            |                  | Q3,4                                                                                                        |         |           | FMW1          | TRANSISTOR          |                  |
| R5       |         |           | RK73FB2B100J | CHIP R 10 J 1/8W             |                  | <b>CONTROL UNIT (X53-391X-XX) 0-00 : J,J2<br/>0-01 : J1,J3 0-11 : K1,K2,K3 2-71 : E1,E2,E5 2-72 : E3,E4</b> |         |           |               |                     |                  |
| R6       |         |           | RK73RB2H330J | CHIP R 33 J 1/2W             |                  |                                                                                                             |         |           |               |                     |                  |
| R7       |         | *         | RK73RB2H270J | CHIP R 27 J 1/2W             |                  | C1-7                                                                                                        |         |           | CK73GB1H102K  | CHIP C 1000PF K     |                  |
| R8       |         |           | R92-1316-05  | CHIP R 39 J 1W               |                  | C8-11                                                                                                       |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |                  |
| R9,10    |         |           | RK73FB2B101J | CHIP R 100 J 1/8W            |                  | C12-15                                                                                                      |         |           | CC73GCH1H101J | CHIP C 100PF J      |                  |
| R11-14   |         |           | RK73FB2B104J | CHIP R 100K J 1/8W           |                  | C16,17                                                                                                      |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |                  |
| R15,16   |         |           | RK73FB2B102J | CHIP R 1.0K J 1/8W           |                  | C18                                                                                                         |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| R17,18   |         |           | RK73FB2B101J | CHIP R 100 J 1/8W            |                  | C19                                                                                                         | *       |           | C92-0889-05   | ELECTRO 330UF 6.3WV |                  |
| R19,20   |         |           | RK73FB2B104J | CHIP R 100K J 1/8W           |                  | C20,21                                                                                                      |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |                  |
| R21,22   |         |           | RK73FB2B103J | CHIP R 10K J 1/8W            |                  | C22                                                                                                         |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| R23,24   |         |           | RK73FB2B152J | CHIP R 1.5K J 1/8W           |                  | C23,24                                                                                                      |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |                  |
| R25,26   |         |           | RK73FB2B102J | CHIP R 1.0K J 1/8W           |                  | C25                                                                                                         |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| R27,28   |         |           | RK73FB2B332J | CHIP R 3.3K J 1/8W           |                  |                                                                                                             |         |           |               |                     |                  |
| R29,30   |         |           | RK73FB2B121J | CHIP R 120 J 1/8W            |                  |                                                                                                             |         |           |               |                     |                  |
| R31,32   |         |           | RK73FB2B122J | CHIP R 1.2K J 1/8W           |                  |                                                                                                             |         |           |               |                     |                  |
| R33      |         |           | RK73FB2B103J | CHIP R 10K J 1/8W            |                  |                                                                                                             |         |           |               |                     |                  |
| R34      |         |           | RK73FB2B332J | CHIP R 3.3K J 1/8W           |                  |                                                                                                             |         |           |               |                     |                  |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

# PARTS LIST

## CONTROL UNIT (X53-391X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description          | Desti-nation | Ref. No. | Address | New parts | Parts No.     | Description           | Desti-nation |
|----------|---------|-----------|---------------|----------------------|--------------|----------|---------|-----------|---------------|-----------------------|--------------|
| C26      |         | *         | C92-0879-05   | ELECTRO 10UF 10WV    |              | C504-507 |         | *         | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C27      |         |           | CS77AAQJ100M  | CHIP TNTL 10UF 6.3WV |              | C508     |         |           | C92-0878-05   | ELECTRO 100UF 6.3WV   |              |
| C28-33   |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C509-519 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C34,35   |         |           | CC73GCH1H100D | CHIP C 10PF D        |              | C520     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C36-44   |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C521     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C45-48   |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C522     |         | *         | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C49      |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | C523     |         |           | C92-0878-05   | ELECTRO 100UF 6.3WV   |              |
| C50-62   |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C524,525 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C64      |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | C526     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C66-79   |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C527     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C80-83   |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C528,529 |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C84-86   |         |           | CC73GCH1H101J | CHIP C 100PF J       |              | C530,531 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C87-91   |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C532     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C92      |         |           | CC73GCH1H101J | CHIP C 100PF J       |              | C533,534 |         |           | CC73GCH1H100D | CHIP C 10PF D         |              |
| C93,94   |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C535     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C95-98   |         |           | CC73GCH1H101J | CHIP C 100PF J       |              | C536     |         | *         | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C99,100  |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C537     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C101-110 |         |           | CC73GCH1H101J | CHIP C 100PF J       |              | C538     |         |           | C92-0878-05   | ELECTRO 100UF 6.3WV   |              |
| C111     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C539,540 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C112-127 |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C541     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C128-139 |         |           | CC73GCH1H101J | CHIP C 100PF J       |              | C542     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C140-143 |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C543,544 |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C145     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | C545,546 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C147,148 |         |           | CC73GCH1H160J | CHIP C 16PF J        |              | C547     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C149     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | C548,549 |         |           | CC73GCH1H100D | CHIP C 10PF D         |              |
| C150     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C550     |         | *         | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C151     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | C551,552 |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              |
| C152     |         |           | CK73FB1A105K  | CHIP C 1.0UF K       |              | C553,554 |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C153,154 |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | C555,556 |         |           | C92-0879-05   | ELECTRO 10UF 10WV     |              |
| C155     |         |           | CK73GB1E223K  | CHIP C 0.022UF K     |              | C557,558 |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C156     |         |           | CC73GCH1H221J | CHIP C 220PF J       |              | C559     |         | *         | CC73GCH1H100D | CHIP C 10PF D         |              |
| C157     |         |           | CK73GB1H222K  | CHIP C 2200PF K      |              | C560,561 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C158     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | C562     |         |           | CC73GCH1H100D | CHIP C 10PF D         |              |
| C159     |         |           | CK73GB1H682K  | CHIP C 6800PF K      |              | C563     |         |           | C92-0878-05   | ELECTRO 100UF 6.3WV   |              |
| C160     |         |           | CK73GB1E223K  | CHIP C 0.022UF K     |              | C564     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C161     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C565     |         |           | CS77AAQJ100M  | CHIP TNTL 10UF 6.3WV  |              |
| C162     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C566,567 |         |           | CS77AAQJ4R7M  | CHIP TNTL 4.7UF 6.3WV |              |
| C163     |         |           | CK73GB1H682K  | CHIP C 6800PF K      |              | C568-570 |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C164     |         |           | CK73GB1E223K  | CHIP C 0.022UF K     |              | C571,572 |         |           | CS77AAQJ4R7M  | CHIP TNTL 4.7UF 6.3WV |              |
| C165     |         |           | CK73GB1H682K  | CHIP C 6800PF K      |              | C573-575 |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C166     |         |           | CK73GB1H471K  | CHIP C 470PF K       |              | C576,577 |         |           | CK73GB1H222K  | CHIP C 2200PF K       |              |
| C167     |         |           | CC73GCH1H101J | CHIP C 100PF J       |              | C578     |         |           | CS77AAQJ100M  | CHIP TNTL 10UF 6.3WV  |              |
| C168     |         |           | CK73GB1H472K  | CHIP C 4700PF K      |              | C579,580 |         |           | CS77AAQJ4R7M  | CHIP TNTL 4.7UF 6.3WV |              |
| C169     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C581-583 |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C170     |         |           | CK73GB1H471K  | CHIP C 470PF K       |              | C584,585 |         |           | CS77AAQJ4R7M  | CHIP TNTL 4.7UF 6.3WV |              |
| C171     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | C586-588 |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C172,173 |         |           | CK73FB1A105K  | CHIP C 1.0UF K       |              | C589,590 |         |           | CK73GB1H222K  | CHIP C 2200PF K       |              |
| C174     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C591     |         |           | CK73GB1H272K  | CHIP C 2700PF K       |              |
| C175     |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              | C592,593 |         |           | CC73GCH1H331J | CHIP C 330PF J        |              |
| C176,177 |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | C594     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C178,179 |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C595     |         |           | CS77AAQJ100M  | CHIP TNTL 10UF 6.3WV  |              |
| C180     |         |           | C92-0523-05   | CHIP-ELE 10UF 16WV   |              | C596     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C181     |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              | C599     |         |           | CS77AAQJ100M  | CHIP TNTL 10UF 6.3WV  |              |
| C182,183 |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | C600     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C185     |         |           | CK73FB1A105K  | CHIP C 1.0UF K       |              | C601     |         |           | CS77AAQJ100M  | CHIP TNTL 10UF 6.3WV  |              |
| C186     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | C602     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              |
| C187     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C603     |         |           | CS77AAQJ100M  | CHIP TNTL 10UF 6.3WV  |              |
| C188     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | C604     |         |           | CC73GCH1H151J | CHIP C 150PF J        |              |
| C501,502 |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | C605     |         |           | CK73GB1H152K  | CHIP C 1500PF K       |              |
| C503     |         |           | C92-0878-05   | ELECTRO 100UF 6.3WV  |              | C606     |         |           | CS77AAQJ100M  | CHIP TNTL 10UF 6.3WV  |              |

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## CONTROL UNIT (X53-391X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description          | Desti-nation | Ref. No.  | Address | New parts | Parts No.    | Description                    | Desti-nation |
|----------|---------|-----------|---------------|----------------------|--------------|-----------|---------|-----------|--------------|--------------------------------|--------------|
| C607     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | CN3       |         | *         | E41-1686-05  | PIN ASSY                       |              |
| C608     |         |           | CS77AAQJ100M  | CHIP TNL 10UF 6.3WV  |              | CN4       |         |           | E40-5978-05  | FLAT CABLE CONNECTOR           |              |
| C609     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | CN5       |         |           | E40-6074-05  | FLAT CABLE CONNECTOR           |              |
| C610     |         |           | CS77AAQJ100M  | CHIP TNL 10UF 6.3WV  |              | CN6       |         | *         | E40-6676-05  | FLAT CABLE CONNECTOR           |              |
| C611     |         |           | CK73GB1H471K  | CHIP C 470PF K       |              | CN7       |         |           | E40-5744-05  | FLAT CABLE CONNECTOR           |              |
| C612     |         |           | CK73GB1H472K  | CHIP C 4700PF K      |              | CN503     |         | *         | E41-1687-05  | PIN ASSY                       |              |
| C613     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | CN504     |         | *         | E40-6676-05  | FLAT CABLE CONNECTOR           |              |
| C614     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | CN505     |         | *         | E41-1684-05  | PIN ASSY                       |              |
| C615,616 |         |           | CS77AAQJ100M  | CHIP TNL 10UF 6.3WV  |              | CN506     |         | *         | E41-1686-05  | PIN ASSY                       |              |
| C617     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | L1,2      |         |           | L33-0742-05  | SMALL FIXED INDUCTOR           |              |
| C618     |         |           | CS77AAQJ100M  | CHIP TNL 10UF 6.3WV  |              | L3,4      |         |           | L92-0137-05  | CHIP FERRITE                   |              |
| C619     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | L5-8      |         | *         | L41-1005-39  | SMALL FIXED INDUCTOR (10U)     |              |
| C620     |         |           | CS77AAQJ100M  | CHIP TNL 10UF 6.3WV  |              | L9        |         |           | L92-0137-05  | CHIP FERRITE                   |              |
| C621     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | L10,11    |         |           | L33-0742-05  | SMALL FIXED INDUCTOR           |              |
| C622,623 |         |           | CS77AAQJ100M  | CHIP TNL 10UF 6.3WV  |              | L13       |         | *         | L41-1005-39  | SMALL FIXED INDUCTOR (10U)     |              |
| C624     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | L14       |         |           | L33-0742-05  | SMALL FIXED INDUCTOR           |              |
| C625     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | L15-17    |         | *         | L41-1005-39  | SMALL FIXED INDUCTOR (10U)     |              |
| C626     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | L502      |         |           | L33-0742-05  | SMALL FIXED INDUCTOR           |              |
| C627     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | L504-508  |         | *         | L41-1005-39  | SMALL FIXED INDUCTOR (10U)     |              |
| C628,629 |         |           | CS77AAQJ100M  | CHIP TNL 10UF 6.3WV  |              | X1        |         |           | L77-1680-05  | CRYSTAL RESONATOR (11.0592MHZ) |              |
| C630     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | X2        |         |           | L78-0459-05  | RESONATOR (4.19MHZ)            |              |
| C631     |         |           | CS77AAQJ100M  | CHIP TNL 10UF 6.3WV  |              | X3        |         | *         | L77-3012-05  | CRYSTAL RESONATOR (7.9872MHZ)  |              |
| C632     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | X501,502  |         |           | L77-1680-05  | CRYSTAL RESONATOR (11.0592MHZ) |              |
| C633,634 |         |           | CS77AAQJ100M  | CHIP TNL 10UF 6.3WV  |              | X503      |         |           | L77-1679-05  | CRYSTAL RESONATOR (12.288MHZ)  |              |
| C635     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | CP1,2     |         |           | RK74GB1J101J | CHIP-COM 100 J 1/16W           |              |
| C636     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | CP3-16    |         |           | RK74GB1J473J | CHIP-COM 47K J 1/16W           |              |
| C637     |         |           | CK73GB1H472K  | CHIP C 4700PF K      |              | CP18-33   |         |           | RK74GB1J101J | CHIP-COM 100 J 1/16W           |              |
| C638     |         |           | CK73GB1H471K  | CHIP C 470PF K       |              | CP501-503 |         |           | RK74GB1J473J | CHIP-COM 47K J 1/16W           |              |
| C639-641 |         |           | CS77AAQJ100M  | CHIP TNL 10UF 6.3WV  |              | CP504-508 |         |           | RK74GB1J101J | CHIP-COM 100 J 1/16W           |              |
| C642     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | R1,2      |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W            |              |
| C643     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | R3        |         |           | RK73GB2A103J | CHIP R 10K J 1/10W             |              |
| C644     |         |           | CS77AAQJ100M  | CHIP TNL 10UF 6.3WV  |              | R5        |         |           | RK73GB2A473J | CHIP R 47K J 1/10W             |              |
| C645     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | R7        |         |           | RK73RB2H330J | CHIP R 33 J 1/2W               |              |
| C646,647 |         |           | CS77AAQJ100M  | CHIP TNL 10UF 6.3WV  |              | R9,10     |         |           | RK73GB2A473J | CHIP R 47K J 1/10W             |              |
| C648     |         |           | CK73GB1H681K  | CHIP C 680PF K       |              | R11,12    |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W            |              |
| C649     |         |           | CK73GB1H682K  | CHIP C 6800PF K      |              | R13-17    |         |           | RK73GB2A473J | CHIP R 47K J 1/10W             |              |
| C650     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | R19-26    |         |           | RK73GB2A473J | CHIP R 47K J 1/10W             |              |
| C651-655 |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | R28       |         |           | RK73GB2A101J | CHIP R 100 J 1/10W             |              |
| C656,657 |         |           | CK73GB1E223K  | CHIP C 0.022UF K     |              | R45       |         |           | RK73GB2A473J | CHIP R 47K J 1/10W             |              |
| C658     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | R46       |         |           | RK73GB2A105J | CHIP R 1.0M J 1/10W            |              |
| C659     |         |           | CS77CA1C010M  | CHIP TNL 1.0UF 16WV  |              | R47       |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W             | E3,E4        |
| C660-673 |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | R48       |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W             | E1,E2,E5     |
| C674     |         |           | CC73GCH1H101J | CHIP C 100PF J       |              | R50-54    |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W             | J,J1,J2      |
| C675-678 |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | R50-54    |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W             | J3           |
| C700     |         | *         | C92-0879-05   | ELECTRO 10UF 10WV    |              | R52-54    |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W             | E1,E2,E3     |
| C701     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | R52-54    |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W             | E4,E5        |
| C702     |         |           | CS77AAQJ100M  | CHIP TNL 10UF 6.3WV  |              | R52,53    |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W             | K1,K2,K3     |
| C703     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | R55-58    |         |           | RK73GB2A101J | CHIP R 100 J 1/10W             |              |
| C704     |         |           | CS77AAQJ100M  | CHIP TNL 10UF 6.3WV  |              | R67       |         |           | RK73GB2A101J | CHIP R 100 J 1/10W             |              |
| C705     |         |           | CK73FB1A105K  | CHIP C 1.0UF K       |              | R100      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W             |              |
| C708     |         |           | CK73FB1A105K  | CHIP C 1.0UF K       |              | R101      |         |           | RK73GB2A471J | CHIP R 470 J 1/10W             |              |
| C711-714 |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | R114      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W             |              |
| C715     |         |           | CS77AAQJ4R7M  | CHIP TNL 4.7UF 6.3WV |              | R117      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W             |              |
| C716     |         | *         | C92-0879-05   | ELECTRO 10UF 10WV    |              | R120      |         |           | RK73GB2A104J | CHIP R 100K J 1/10W            |              |
| C717     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | R121,122  |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W             |              |
| C718     |         |           | CC73GCH1H220J | CHIP C 22PF J        |              | R124      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W             |              |
| C719-728 |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | R125      |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W            |              |
| C729     |         |           | CS77AAQJ100M  | CHIP TNL 10UF 6.3WV  |              | R126      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W             |              |
| CN1      |         |           | E40-5762-05   | FLAT CABLE CONNECTOR |              | R127      |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W            |              |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

# PARTS LIST

## CONTROL UNIT (X53-391X-XX)

| Ref. No. | Address | New parts | Parts No.    | Description          | Destination |
|----------|---------|-----------|--------------|----------------------|-------------|
| R128     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R129     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W   |             |
| R130     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R131     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |             |
| R132     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R133,134 |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W  |             |
| R135,136 |         |           | RK73GB2A123J | CHIP R 12K J 1/10W   |             |
| R137     |         |           | RK73GB2A393J | CHIP R 39K J 1/10W   |             |
| R138     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R139     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |             |
| R140     |         |           | RK73GB2A823J | CHIP R 82K J 1/10W   |             |
| R141     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R142,143 |         |           | RK73GB2A123J | CHIP R 12K J 1/10W   |             |
| R144     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R145     |         |           | RK73GB2A123J | CHIP R 12K J 1/10W   |             |
| R146     |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   |             |
| R147     |         |           | RK73GB2A683J | CHIP R 68K J 1/10W   |             |
| R148     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W  |             |
| R149     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |             |
| R150     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R151     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |             |
| R152,153 |         |           | RK73GB2A223J | CHIP R 22K J 1/10W   |             |
| R154     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |             |
| R155     |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W  |             |
| R157     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |             |
| R158     |         |           | RK73GB2A563J | CHIP R 56K J 1/10W   |             |
| R159     |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W  |             |
| R160     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |             |
| R161     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R162,163 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |             |
| R164,165 |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   |             |
| R186-188 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |             |
| R200     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W   |             |
| R201-204 |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   |             |
| R206,207 |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   |             |
| R209-211 |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   |             |
| R213     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |             |
| R214     |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   |             |
| R215     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |             |
| R216,217 |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   |             |
| R218     |         |           | RK73GB2A474J | CHIP R 470K J 1/10W  |             |
| R219     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |             |
| R220     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W   |             |
| R221,222 |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   |             |
| R223     |         |           | RK73GB2A183J | CHIP R 18K J 1/10W   |             |
| R224     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R225     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W   |             |
| R226     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |             |
| R227     |         |           | RK73FB2B000J | CHIP R 0.0 J 1/8W    | J,J1,J2     |
| R227     |         |           | RK73FB2B000J | CHIP R 0.0 J 1/8W    | J3          |
| R228     |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   |             |
| R501,502 |         | *         | R92-3611-05  | METAL GLAZE RESISTOR |             |
| R503,504 |         | *         | R92-3612-05  | METAL GLAZE RESISTOR |             |
| R505     |         | *         | R92-3611-05  | METAL GLAZE RESISTOR |             |
| R506,507 |         | *         | R92-3612-05  | METAL GLAZE RESISTOR |             |
| R508     |         | *         | R92-3611-05  | METAL GLAZE RESISTOR |             |
| R509,510 |         | *         | R92-3612-05  | METAL GLAZE RESISTOR |             |
| R511     |         | *         | R92-3611-05  | METAL GLAZE RESISTOR |             |
| R512,513 |         | *         | R92-3612-05  | METAL GLAZE RESISTOR |             |
| R514-516 |         | *         | R92-3611-05  | METAL GLAZE RESISTOR |             |
| R517     |         | *         | R92-3612-05  | METAL GLAZE RESISTOR |             |
| R518     |         | *         | R92-3611-05  | METAL GLAZE RESISTOR |             |
| R519,520 |         | *         | R92-3612-05  | METAL GLAZE RESISTOR |             |
| R521     |         | *         | R92-3611-05  | METAL GLAZE RESISTOR |             |
| R522,523 |         | *         | R92-3612-05  | METAL GLAZE RESISTOR |             |
| R524     |         | *         | R92-3611-05  | METAL GLAZE RESISTOR |             |
| R525,526 |         | *         | R92-3612-05  | METAL GLAZE RESISTOR |             |
| R527     |         | *         | R92-3611-05  | METAL GLAZE RESISTOR |             |
| R528     |         | *         | R92-3612-05  | METAL GLAZE RESISTOR |             |
| R529-531 |         | *         | R92-3611-05  | METAL GLAZE RESISTOR |             |
| R532     |         | *         | R92-3612-05  | METAL GLAZE RESISTOR |             |
| R533-536 |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   |             |
| R537     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W   |             |
| R538-540 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   | E1,E2,E3    |
| R538-540 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   | E4,E5       |
| R538-540 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R538,539 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R538,539 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   | K1,K2,K3    |
| R541-550 |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W   | J,J1,J2     |
| R552,553 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   | J3          |
| R554,555 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |             |
| R557     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W   |             |
| R558     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |             |
| R559-561 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R563     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R565,566 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |             |
| R567     |         |           | RK73GB2A474J | CHIP R 470K J 1/10W  |             |
| R568     |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   |             |
| R570,571 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R572,573 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |             |
| R575     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W   |             |
| R576     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |             |
| R577-581 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R582,583 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |             |
| R584     |         |           | RK73GB2A474J | CHIP R 470K J 1/10W  |             |
| R585,586 |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |             |
| R588,589 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R590,591 |         |           | RK73GB2A100J | CHIP R 10 J 1/10W    |             |
| R592     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R593     |         |           | RK73GB2A100J | CHIP R 10 J 1/10W    |             |
| R594,595 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R596     |         |           | RK73GB2A562J | CHIP R 5.6K J 1/10W  |             |
| R597     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R598     |         |           | RK73GB2A562J | CHIP R 5.6K J 1/10W  |             |
| R599     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R600,601 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |             |
| R602     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |             |
| R603     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W   |             |
| R604     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R605     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |             |
| R606     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W  |             |
| R607,608 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |             |
| R610     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |             |
| R611,612 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |             |
| R613,614 |         |           | RK73GB2A223J | CHIP R 22K J 1/10W   |             |
| R616     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W   |             |
| R618     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |             |
| R619     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W  |             |
| R620,621 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |             |
| R623,624 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |             |

## PARTS LIST

## CONTROL UNIT (X53-391X-XX)

| Ref. No. | Address | New parts | Parts No.    | Description         | Desti-nation | Ref. No.  | Address | New parts | Parts No.      | Description                                | Desti-nation |
|----------|---------|-----------|--------------|---------------------|--------------|-----------|---------|-----------|----------------|--------------------------------------------|--------------|
| R625-630 |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |              | D12       |         |           | MA2S111-F      | DIODE                                      | K1,K2,K3     |
| R631     |         |           | RK73GB2A561J | CHIP R 560 J 1/10W  |              | D13       |         |           | 02D28.2F-Y     | ZENER DIODE                                |              |
| R632-635 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |              | D14-17    |         |           | MA2S111-F      | DIODE                                      |              |
| R636,637 |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |              | D501-504  |         |           | DAN202U        | DIODE                                      |              |
| R638     |         |           | RK73GB2A561J | CHIP R 560 J 1/10W  |              | IC1       | *       |           | M62003FPCF0J   | IC (RESET)                                 |              |
| R639,640 |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |              | IC2,3     |         |           | TA7805FQ       | IC (AVR)                                   |              |
| R641     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              | IC4       | *       |           | XC62FP3302PN   | IC (3.3V AVR FOR DSP)                      |              |
| R642     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |              | IC5       |         |           | TC74HC4053AFT  | IC (ANALOG SWITCH)                         |              |
| R643     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W  |              | IC6       |         |           | TC74HC4052AFT  | IC (ANALOG SWITCH)                         |              |
| R644,645 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |              | IC7       | *       |           | AT25128A10SU27 | IC (EEPROM)                                |              |
| R646     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              | IC8       | *       |           | 64F2633JXUC    | IC (MAIN MICROCOMPUTER)                    | E1,E2,E3     |
| R647     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |              | IC8       | *       |           | 64F2633JXUC    | IC (MAIN MICROCOMPUTER)                    | E4,E5        |
| R648     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W  |              | IC8       | *       |           | 64F2633JXUC    | IC (MAIN MICROCOMPUTER)                    | K1,K2,K3     |
| R649,650 |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |              | IC8       | *       |           | 64F2633JXVC    | IC (MAIN MICROCOMPUTER)                    | J,J2         |
| R651     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |              | IC8       | *       |           | 64F2633JXZC    | IC (MAIN MICROCOMPUTER)                    | J1,J3        |
| R652,653 |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |              | IC9-11    | *       |           | TC7LVX4245FSF  | IC (CONVERSION BETWEEN 5V AND 3V)          |              |
| R654-659 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |              | IC12      | *       |           | LC73881M-E     | IC (DTMF DECODER)                          |              |
| R660,661 |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |              | IC13      |         |           | TC74VHC08FT    | IC (INPUT/OUTPUT PORT LOGIC)               |              |
| R662     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |              | IC14      |         |           | TC74VHC32FT    | IC (INPUT/OUTPUT PORT LOGIC)               |              |
| R663     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |              | IC15      |         |           | TC74VHC04FT    | IC (INPUT/OUTPUT PORT LOGIC)               |              |
| R664     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              | IC16-18   |         |           | TC74VHC08FT    | IC (INPUT/OUTPUT PORT LOGIC)               |              |
| R665     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |              | IC19-25   |         |           | TC74VHC573FT   | IC (INPUT/OUTPUT PORT)                     |              |
| R666,667 |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |              | IC26      |         |           | TMT0111Q       | IC (TNC MICROCOMPUTER)                     |              |
| R668     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |              | IC27      | *       |           | TA75W393FU-F   | IC (OP AMP)                                |              |
| R669,670 |         |           | RK73GB2A334J | CHIP R 330K J 1/10W |              | IC28      |         |           | TGT0210Q       | IC (TNC LOGIC CIRCUIT)                     |              |
| R671     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |              | IC29      |         |           | TA75W01FUF     | IC (OP AMP)                                |              |
| R672,673 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |              | IC30      | *       |           | TA75S393F-F    | IC (COMPARATOR)                            |              |
| R674     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |              | IC31      | *       |           | TC7SH08FU-F    | IC (AND)                                   |              |
| R686-688 |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              | IC32,33   |         |           | PST9130NR      | IC (RESET IC)                              |              |
| R693-699 |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              | IC501     | *       |           | TA48M033F-F    | IC (AVR)                                   |              |
| R700     |         |           | RK73GB2A473J | CHIP R 47K J 1/10W  |              | IC502,503 | *       |           | XC62FP1802PN   | IC (1.8V AVR FOR DSP)                      |              |
| R701     |         |           | RK73GB2A154J | CHIP R 150K J 1/10W |              | IC504     | *       |           | 29AL08D90KBHA  | IC (FLASH ROM FOR DSP2)                    |              |
| R702     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              | IC505,506 |         |           | TC74VHC573FT   | IC (FOR DSP PORT OUTPUT)                   |              |
| R703-706 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |              | IC507     |         |           | TC74VHC02FT    | IC (INPUT/OUTPUT PORT LOGIC)               |              |
| R707     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |              | IC508     | *       |           | 29AL08D90KBFA  | IC (FLASH ROM FOR DSP1)                    | E1,E2,E3     |
| R709,710 |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |              | IC508     | *       |           | 29AL08D90KBFA  | IC (FLASH ROM FOR DSP1)                    | E4,E5        |
| R712     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |              | IC508     | *       |           | 29AL08D90KBGA  | IC (FLASH ROM FOR DSP1)                    | K1,K2,K3     |
| R714-716 |         |           | RK73GB2A470J | CHIP R 47 J 1/10W   |              | IC508     | *       |           | 29AL08D90KBGA  | IC (FLASH ROM FOR DSP1)                    | J,J1,J2      |
| R717     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              | IC508     | *       |           | 29AL08D90KBGA  | IC (FLASH ROM FOR DSP1)                    | J3           |
| R718,719 |         |           | RK73GB2A473J | CHIP R 47K J 1/10W  |              | IC509     |         |           | TC74VHC32FT    | IC (INPUT/OUTPUT PORT LOGIC)               |              |
| R720,721 |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |              | IC510     | *       |           | TC7WU04FU-F    | IC (INPUT/OUTPUT PORT LOGIC)               |              |
| R722,723 |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              | IC511     |         |           | TC74VHC08FT    | IC (INPUT/OUTPUT PORT LOGIC)               |              |
| R725     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              | IC512     |         |           | TC74VHC573FT   | IC (FOR DSP PORT INPUT)                    |              |
| R731     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              | IC513     |         |           | TC74VHC32FT    | IC (INPUT/OUTPUT PORT LOGIC)               |              |
| R736     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              | IC514     |         |           | TC74VHC573FT   | IC (FOR DSP PORT INPUT)                    |              |
| R738     |         |           | RK73GB2A561J | CHIP R 560 J 1/10W  |              | IC515,516 |         |           | 320VC5402PGE   | IC (DSP)                                   |              |
| R739     |         |           | RK73GB2A124J | CHIP R 120K J 1/10W |              | IC517     |         |           | NJM2904V-ZB    | IC (ANALOG AGC BUFFER)                     |              |
| R740     |         |           | RK73RB2H100J | CHIP R 10 J 1/2W    |              | IC518     |         |           | AK4524         | IC (CODEC 24BIT)                           |              |
| R741     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |              | IC519     |         |           | TC7W74FU-F     | IC (FOR CODEC CLOCK DIVISION)              |              |
| R742,743 |         |           | RK73GB2A473J | CHIP R 47K J 1/10W  |              | IC520     | *       |           | TC7WU04FU-F    | IC (FOR CODEC CLOCK DIVISION)              |              |
| R744     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  | J,J1,J2      | IC521     |         |           | TC74VHC4040FT  | IC (FOR CODEC CLOCK DIVISION)              |              |
| R744     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  | J3           | IC522,523 |         |           | AK4518         | MICROCONTROLLER IC                         |              |
| R745-747 |         |           | RK73FB2B000J | CHIP R 0.0 J 1/8W   |              | IC524-529 |         |           | NJM2100V-ZB    | IC (CODEC 16BIT)                           |              |
| R748     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |              | IC530     |         |           | BU2099FV       | IC (SERIAL/PARALLEL)                       |              |
| R749     |         |           | RD14B82C473J | RD 47K J 1/6W       |              | IC531-534 |         |           | BU4066BCFV     | IC (ANALOG SWITCH)                         |              |
| D5       |         |           | RLS245       | DIODE               |              | IC535     |         |           | NJM2100V-ZB    | IC (BUFFER FOR ANALOG SIGNAL INPUT/OUTPUT) |              |
| D6       |         | *         | MA2J729      | DIODE               |              | Q1        |         |           | DTC143EUA      | DIGITAL TRANSISTOR                         |              |
| D11      |         |           | DAN202U      | DIODE               |              | Q2        |         |           | DTA143EUA      | DIGITAL TRANSISTOR                         |              |
| D12      |         |           | MA2S111-F    | DIODE               | E1,E2,E3     | Q3        |         |           | DTC143EUA      | DIGITAL TRANSISTOR                         |              |
| D12      |         |           | MA2S111-F    | DIODE               | E4,E5        | Q4        |         |           | DTA143EUA      | DIGITAL TRANSISTOR                         |              |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

PARTS LIST

CONTROL UNIT (X53-391X-XX)  
DISPLAY UNIT (X54-3320-00)

| Ref. No.                                               | Address                    | New parts                   | Parts No.                                                                                  | Description                                                                                        | Desti-nation                                                               |
|--------------------------------------------------------|----------------------------|-----------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Q5<br>Q9,10<br>Q13,14<br>Q15<br>Q16                    |                            |                             | DTC143EUA<br>DTC114EUA<br>2SC4617(R)<br>2SA1774(R)<br>2SC4617(R)                           | DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR                 |                                                                            |
| Q17<br>Q18<br>Q19<br>Q20<br>Q501                       |                            |                             | DTC143TUA<br>DTA143EUA<br>2SA1774(R)<br>DTA143EUA<br>DTC144EUA                             | DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR<br>TRANSISTOR<br>DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR |                                                                            |
| DISPLAY UNIT (X54-3320-00) : J,J1,J2,J3,K1,K3,E1,E3,E5 |                            |                             |                                                                                            |                                                                                                    |                                                                            |
| 201<br>201<br>201<br>202<br>202                        | 1E<br>1E<br>1E<br>1E<br>1E | <br><br><br>*<br>*          | B11-1245-02<br>B11-1245-02<br>B11-1245-02<br>B11-1246-23<br>B11-1246-23                    | ILLUMINATION GUIDE<br>ILLUMINATION GUIDE<br>ILLUMINATION GUIDE<br>FILTER<br>FILTER                 | E3,E5,J<br>J1,J2,J3<br>K1,K3,E1<br>E3,E5,J<br>J1,J2,J3                     |
| 202<br>203<br>203<br>203<br>204                        | 1E<br>2E<br>2E<br>2E<br>1E | *<br><br><br><br>*          | B11-1246-23<br>B11-1257-03<br>B11-1257-03<br>B11-1257-03<br>B30-2221-15                    | FILTER<br>FILTER<br>FILTER<br>FILTER<br>LAMP (5.5V/125MA)                                          | K1,K3,E1<br>E3,E5,J<br>J1,J2,J3<br>K1,K3,E1<br>E3,E5,J                     |
| 204<br>204<br>205<br>205<br>205                        | 1E<br>1E<br>2E<br>2E<br>2E | *<br>*<br><br><br><br>      | B30-2221-15<br>B30-2221-15<br>B38-0837-05<br>B38-0837-05<br>B38-0837-05                    | LAMP (5.5V/125MA)<br>LAMP (5.5V/125MA)<br>LCD<br>LCD<br>LCD                                        | J1,J2,J3<br>K1,K3,E1<br>E3,E5,J<br>J1,J2,J3<br>K1,K3,E1                    |
| D1,2<br>D1,2<br>D1,2<br>D3-9<br>D3-9                   | <br><br><br><br><br>       | <br><br><br><br><br>        | B30-2217-05<br>B30-2217-05<br>B30-2217-05<br>B30-2167-05<br>B30-2167-05                    | LED (Y)<br>LED (Y)<br>LED (Y)<br>LED (GR)<br>LED (GR)                                              | E3,E5,J<br>J1,J2,J3<br>K1,K3,E1<br>E3,E5,J<br>J1,J2,J3                     |
| D3-9                                                   |                            |                             | B30-2167-05                                                                                | LED (GR)                                                                                           | K1,K3,E1                                                                   |
| C1,2<br>C1,2<br>C1,2<br>C3-9<br>C3-9                   | <br><br><br><br><br>       | <br><br><br><br><br>        | CK73GB1H103K<br>CK73GB1H103K<br>CK73GB1H103K<br>CK73FB1E104K<br>CK73FB1E104K               | CHIP C<br>CHIP C<br>CHIP C<br>CHIP C<br>CHIP C                                                     | 0.010UF K<br>0.010UF K<br>0.010UF K<br>0.10UF K<br>0.10UF K                |
| C3-9<br>C10<br>C10<br>C10<br>C11                       | <br><br><br><br><br>       | <br><br><br><br><br>        | CK73FB1E104K<br>CK73GB1H103K<br>CK73GB1H103K<br>CK73GB1H103K<br>CK73FB1E104K               | CHIP C<br>CHIP C<br>CHIP C<br>CHIP C<br>CHIP C                                                     | 0.10UF K<br>0.010UF K<br>0.010UF K<br>0.010UF K<br>0.10UF K                |
| C11<br>C11<br>C12<br>C12<br>C12                        | <br><br><br><br><br>       | <br><br><br>*<br>*<br>*     | CK73FB1E104K<br>CK73FB1E104K<br>C92-0879-05<br>C92-0879-05<br>C92-0879-05                  | CHIP C<br>CHIP C<br>ELECTRO<br>ELECTRO<br>ELECTRO                                                  | 0.10UF K<br>0.10UF K<br>10UF 10WV<br>10UF 10WV<br>10UF 10WV                |
| C13<br>C13<br>C13<br>C15-23<br>C15-23                  | <br><br><br><br><br>       | <br><br><br><br><br>        | CK73GB1H103K<br>CK73GB1H103K<br>CK73GB1H103K<br>CK73GB1H102K<br>CK73GB1H102K               | CHIP C<br>CHIP C<br>CHIP C<br>CHIP C<br>CHIP C                                                     | 0.010UF K<br>0.010UF K<br>0.010UF K<br>1000PF K<br>1000PF K                |
| C15-23<br>C25-32<br>C25-32                             | <br><br><br>               | <br><br><br>                | CK73GB1H102K<br>CK73GB1H102K<br>CK73GB1H102K                                               | CHIP C<br>CHIP C<br>CHIP C                                                                         | 1000PF K<br>1000PF K<br>1000PF K                                           |
| C25-32<br>C33<br>C33<br>C33<br>C34                     | <br><br><br><br><br>       | <br><br><br><br><br>        | CK73GB1H102K<br>C92-0884-05<br>C92-0884-05<br>C92-0884-05<br>C92-0879-05                   | CHIP C<br>ELECTRO<br>ELECTRO<br>ELECTRO<br>ELECTRO                                                 | 1000PF K<br>22UF 16WV<br>22UF 16WV<br>22UF 16WV<br>10UF 10WV               |
| C34<br>C34<br>C34<br>C35<br>C35<br>C35                 | <br><br><br><br><br><br>   | *<br>*<br>*<br><br><br><br> | C92-0879-05<br>C92-0879-05<br>CK73FB1E223K<br>CK73FB1E223K<br>CK73FB1E223K<br>CK73FB1E223K | ELECTRO<br>ELECTRO<br>CHIP C<br>CHIP C<br>CHIP C<br>CHIP C                                         | 10UF 10WV<br>10UF 10WV<br>0.022UF K<br>0.022UF K<br>0.022UF K<br>0.022UF K |
| C36<br>C36<br>C36                                      | <br><br><br>               | <br><br><br>                | CK73GB1H103K<br>CK73GB1H103K<br>CK73GB1H103K                                               | CHIP C<br>CHIP C<br>CHIP C                                                                         | 0.010UF K<br>0.010UF K<br>0.010UF K                                        |
| 207<br>207<br>207<br>208<br>208                        | 2E<br>2E<br>2E<br>2E<br>2E | <br><br><br><br><br>        | E29-1186-04<br>E29-1186-04<br>E29-1186-04<br>E29-1187-04<br>E29-1187-04                    | INTER CONNECTOR<br>INTER CONNECTOR<br>INTER CONNECTOR<br>INTER CONNECTOR<br>INTER CONNECTOR        | E3,E5,J<br>J1,J2,J3<br>K1,K3,E1<br>E3,E5,J<br>J1,J2,J3                     |
| 208<br>CN1<br>CN1<br>CN1                               | 2E<br><br><br><br>         | <br><br><br><br>            | E29-1187-04<br>E40-5736-05<br>E40-5736-05<br>E40-5736-05                                   | INTER CONNECTOR<br>FLAT CABLE CONNECTOR<br>FLAT CABLE CONNECTOR<br>FLAT CABLE CONNECTOR            | K1,K3,E1<br>E3,E5,J<br>J1,J2,J3<br>K1,K3,E1                                |
| 211<br>211<br>211                                      | 2E<br>2E<br>2E             | *<br>*<br>*                 | G11-4043-04<br>G11-4043-04<br>G11-4043-04                                                  | SHEET<br>SHEET<br>SHEET                                                                            | E3,E5,J<br>J1,J2,J3<br>K1,K3,E1                                            |
| 212<br>212<br>212                                      | 2E<br>2E<br>2E             | <br><br><br>                | J21-8397-03<br>J21-8397-03<br>J21-8397-03                                                  | MOUNTING HARDWARE<br>MOUNTING HARDWARE<br>MOUNTING HARDWARE                                        | E3,E5,J<br>J1,J2,J3<br>K1,K3,E1                                            |
| L3,4<br>L3,4<br>L3,4                                   | <br><br><br>               | *<br>*<br>*                 | L41-1095-32<br>L41-1095-32<br>L41-1095-32                                                  | SMALL FIXED INDUCTOR (1UH)<br>SMALL FIXED INDUCTOR (1UH)<br>SMALL FIXED INDUCTOR (1UH)             | E3,E5,J<br>J1,J2,J3<br>K1,K3,E1                                            |
| R1,2<br>R1,2<br>R1,2<br>R3<br>R3                       | <br><br><br><br><br>       | <br><br><br><br><br>        | RK73GB2A154J<br>RK73GB2A154J<br>RK73GB2A154J<br>RK73FB2B105J<br>RK73FB2B105J               | CHIP R<br>CHIP R<br>CHIP R<br>CHIP R<br>CHIP R                                                     | 150K J 1/10W<br>150K J 1/10W<br>150K J 1/10W<br>1.0M J 1/8W<br>1.0M J 1/8W |
| R3<br>R4<br>R4<br>R4<br>R5                             | <br><br><br><br><br>       | *<br>*<br>*<br>*<br><br>    | RK73FB2B105J<br>RK73FB2B684J<br>RK73FB2B684J<br>RK73FB2B684J<br>RK73FB2B100J               | CHIP R<br>CHIP R<br>CHIP R<br>CHIP R<br>CHIP R                                                     | 1.0M J 1/8W<br>680K J 1/8W<br>680K J 1/8W<br>680K J 1/8W<br>10 J 1/8W      |
| R5<br>R5<br>R6-21<br>R6-21<br>R6-21                    | <br><br><br><br><br>       | <br><br><br><br><br>        | RK73FB2B100J<br>RK73FB2B100J<br>RK73GB2A101J<br>RK73GB2A101J<br>RK73GB2A101J               | CHIP R<br>CHIP R<br>CHIP R<br>CHIP R<br>CHIP R                                                     | 10 J 1/8W<br>10 J 1/8W<br>100 J 1/10W<br>100 J 1/10W<br>100 J 1/10W        |
| R23<br>R23<br>R23<br>R27<br>R27                        | <br><br><br><br><br>       | <br><br><br><br><br>        | RK73GB2A101J<br>RK73GB2A101J<br>RK73GB2A101J<br>RK73FB2B681J<br>RK73FB2B681J               | CHIP R<br>CHIP R<br>CHIP R<br>CHIP R<br>CHIP R                                                     | 100 J 1/10W<br>100 J 1/10W<br>100 J 1/10W<br>680 J 1/8W<br>680 J 1/8W      |
| R27<br>R29<br>R29<br>R29<br>R31                        | <br><br><br><br><br>       | <br><br><br><br><br>        | RK73FB2B681J<br>RK73FB2B681J<br>RK73FB2B681J<br>RK73FB2B681J<br>RK73FB2B560J               | CHIP R<br>CHIP R<br>CHIP R<br>CHIP R<br>CHIP R                                                     | 680 J 1/8W<br>680 J 1/8W<br>680 J 1/8W<br>680 J 1/8W<br>56 J 1/8W          |
| R31<br>R31                                             | <br><br>                   | <br><br>                    | RK73FB2B560J<br>RK73FB2B560J                                                               | CHIP R<br>CHIP R                                                                                   | 56 J 1/8W<br>56 J 1/8W                                                     |

## PARTS LIST

DISPLAY UNIT (X54-3320-00)

TX-RX 1 UNIT (X57-605X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description                  | Destination | Ref. No. | Address | New parts | Parts No.     | Description        | Destination |
|----------|---------|-----------|---------------|------------------------------|-------------|----------|---------|-----------|---------------|--------------------|-------------|
| R32      |         |           | RK73FB2B221J  | CHIP R 220 J 1/8W            | E3,E5,J     | D802     |         |           | B30-2139-05   | LED (G)            | E3,E5,J     |
| R32      |         |           | RK73FB2B221J  | CHIP R 220 J 1/8W            | J1,J2,J3    | D802     |         |           | B30-2139-05   | LED (G)            | J1,J2,J3    |
| R32      |         |           | RK73FB2B221J  | CHIP R 220 J 1/8W            | K1,K3,E1    | D802     |         |           | B30-2139-05   | LED (G)            | K1,K3,E1    |
| R35      |         |           | RK73FB2B222J  | CHIP R 2.2K J 1/8W           | E3,E5,J     | D803     |         |           | B30-2138-05   | LED (SR)           | E3,E5,J     |
| R35      |         |           | RK73FB2B222J  | CHIP R 2.2K J 1/8W           | J1,J2,J3    | D803     |         |           | B30-2138-05   | LED (SR)           | J1,J2,J3    |
| R35      |         |           | RK73FB2B222J  | CHIP R 2.2K J 1/8W           | K1,K3,E1    | D803     |         |           | B30-2138-05   | LED (SR)           | K1,K3,E1    |
| R36      |         |           | RK73FB2B102J  | CHIP R 1.0K J 1/8W           | E3,E5,J     | D804     |         |           | B30-2139-05   | LED (G)            | E3,E5,J     |
| R36      |         |           | RK73FB2B102J  | CHIP R 1.0K J 1/8W           | J1,J2,J3    | D804     |         |           | B30-2139-05   | LED (G)            | J1,J2,J3    |
| R36      |         |           | RK73FB2B102J  | CHIP R 1.0K J 1/8W           | K1,K3,E1    | D804     |         |           | B30-2139-05   | LED (G)            | K1,K3,E1    |
| R37      |         |           | RK73FB2B392J  | CHIP R 3.9K J 1/8W           | E3,E5,J     | D810-824 |         |           | B30-2167-05   | LED (GR)           | E3,E5,J     |
| R37      |         |           | RK73FB2B392J  | CHIP R 3.9K J 1/8W           | J1,J2,J3    | D810-824 |         |           | B30-2167-05   | LED (GR)           | J1,J2,J3    |
| R37      |         |           | RK73FB2B392J  | CHIP R 3.9K J 1/8W           | K1,K3,E1    | D810-824 |         |           | B30-2167-05   | LED (GR)           | K1,K3,E1    |
| R38      |         |           | RK73FB2B682J  | CHIP R 6.8K J 1/8W           | E3,E5,J     | D825     |         |           | B30-2146-05   | LED (OR)           | E3,E5,J     |
| R38      |         |           | RK73FB2B682J  | CHIP R 6.8K J 1/8W           | J1,J2,J3    | D825     |         |           | B30-2146-05   | LED (OR)           | J1,J2,J3    |
| R38      |         |           | RK73FB2B682J  | CHIP R 6.8K J 1/8W           | K1,K3,E1    | D825     |         |           | B30-2146-05   | LED (OR)           | K1,K3,E1    |
| R39      |         |           | RK73FB2B152J  | CHIP R 1.5K J 1/8W           | E3,E5,J     | D826-834 |         |           | B30-2167-05   | LED (GR)           | E3,E5,J     |
| R39      |         |           | RK73FB2B152J  | CHIP R 1.5K J 1/8W           | J1,J2,J3    | D826-834 |         |           | B30-2167-05   | LED (GR)           | J1,J2,J3    |
| R39      |         |           | RK73FB2B152J  | CHIP R 1.5K J 1/8W           | K1,K3,E1    | D826-834 |         |           | B30-2167-05   | LED (GR)           | K1,K3,E1    |
| R40      |         |           | RK73FB2B272J  | CHIP R 2.7K J 1/8W           | E3,E5,J     | D953,954 |         |           | B30-2217-05   | LED (Y)            | E3,E5,J     |
| R40      |         |           | RK73FB2B272J  | CHIP R 2.7K J 1/8W           | J1,J2,J3    | D953,954 |         |           | B30-2217-05   | LED (Y)            | J1,J2,J3    |
| R40      |         |           | RK73FB2B272J  | CHIP R 2.7K J 1/8W           | K1,K3,E1    | D953,954 |         |           | B30-2217-05   | LED (Y)            | K1,K3,E1    |
| R41-43   |         |           | RK73RB2H5R6J  | CHIP R 5.6 J 1/2W            | E3,E5,J     | D955     |         |           | B30-2167-05   | LED (GR)           | E3,E5,J     |
| R41-43   |         |           | RK73RB2H5R6J  | CHIP R 5.6 J 1/2W            | J1,J2,J3    | D955     |         |           | B30-2167-05   | LED (GR)           | J1,J2,J3    |
| R41-43   |         |           | RK73RB2H5R6J  | CHIP R 5.6 J 1/2W            | K1,K3,E1    | D955     |         |           | B30-2167-05   | LED (GR)           | K1,K3,E1    |
| VR1      |         |           | R32-0676-05   | SEMI FIXED VARIABLE RESISTOR | E3,E5,J     | D956     |         |           | B30-2218-05   | LED (OR)           | E3,E5,J     |
| VR1      |         |           | R32-0676-05   | SEMI FIXED VARIABLE RESISTOR | J1,J2,J3    | D956     |         |           | B30-2218-05   | LED (OR)           | J1,J2,J3    |
| VR1      |         |           | R32-0676-05   | SEMI FIXED VARIABLE RESISTOR | K1,K3,E1    | D956     |         |           | B30-2218-05   | LED (OR)           | K1,K3,E1    |
| S1-12    |         |           | S70-0475-15   | TACT SWITCH                  | E3,E5,J     | D957     |         |           | B30-2140-05   | LED (Y)            | E3,E5,J     |
| S1-12    |         |           | S70-0475-15   | TACT SWITCH                  | J1,J2,J3    | D957     |         |           | B30-2140-05   | LED (Y)            | J1,J2,J3    |
| S1-12    |         |           | S70-0475-15   | TACT SWITCH                  | K1,K3,E1    | D957     |         |           | B30-2140-05   | LED (Y)            | K1,K3,E1    |
| IC1,2    |         | *         | NJU6433FG1-ZB | IC (LCD DRIVER)              | E3,E5,J     | D958     |         |           | B30-2168-05   | LED (RED)          | K2,E2,E4    |
| IC1,2    |         | *         | NJU6433FG1-ZB | IC (LCD DRIVER)              | J1,J2,J3    | C1,2     |         |           | CK73GB1H103K  | CHIP C 0.010UF K   |             |
| IC1,2    |         | *         | NJU6433FG1-ZB | IC (LCD DRIVER)              | K1,K3,E1    | C3       |         |           | CC73GCH1H470J | CHIP C 47PF J      |             |
| IC3      |         |           | SED1526FOA    | IC (LCD DRIVER)              | E3,E5,J     | C4       |         |           | CC73GCH1H070D | CHIP C 7.0PF D     |             |
| IC3      |         |           | SED1526FOA    | IC (LCD DRIVER)              | J1,J2,J3    | C5       |         |           | CC73GCH1H470J | CHIP C 47PF J      |             |
| IC3      |         |           | SED1526FOA    | IC (LCD DRIVER)              | K1,K3,E1    | C6       |         |           | CK73EB1H104K  | CHIP C 0.10UF K    |             |
| IC4      |         |           | BU2099FV      | IC (SERIAL/PARALLEL)         | E3,E5,J     | C7,8     |         |           | CK73GB1H103K  | CHIP C 0.010UF K   |             |
| IC4      |         |           | BU2099FV      | IC (SERIAL/PARALLEL)         | J1,J2,J3    | C9       |         |           | CK73GB1H222K  | CHIP C 2200PF K    |             |
| IC4      |         |           | BU2099FV      | IC (SERIAL/PARALLEL)         | K1,K3,E1    | C10      |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |             |
| Q1       |         |           | 2SA1641(S,T)  | TRANSISTOR                   | E3,E5,J     | C11      |         |           | CK73FB1C105K  | CHIP C 1.0UF K     |             |
| Q1       |         |           | 2SA1641(S,T)  | TRANSISTOR                   | J1,J2,J3    | C12      | *       |           | CD04AZ1H4R7M  | ELECTRO 4.7UF 50WV |             |
| Q1       |         |           | 2SA1641(S,T)  | TRANSISTOR                   | K1,K3,E1    | C13      |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |             |
| Q2       |         | *         | 2SC2712-F(Y)  | TRANSISTOR                   | E3,E5,J     | C14      |         |           | CK73GB1H103K  | CHIP C 0.010UF K   |             |
| Q2       |         | *         | 2SC2712-F(Y)  | TRANSISTOR                   | J1,J2,J3    | C15      |         |           | CK73GB1H472K  | CHIP C 4700PF K    |             |
| Q2       |         | *         | 2SC2712-F(Y)  | TRANSISTOR                   | K1,K3,E1    | C16      |         |           | CK73GB1H222K  | CHIP C 2200PF K    |             |
| Q3       |         |           | 2SA1162-F(Y)  | TRANSISTOR                   | E3,E5,J     | C17      |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |             |
| Q3       |         |           | 2SA1162-F(Y)  | TRANSISTOR                   | J1,J2,J3    | C18      |         |           | CK73GB1H103K  | CHIP C 0.010UF K   |             |
| Q3       |         |           | 2SA1162-F(Y)  | TRANSISTOR                   | K1,K3,E1    | C19      |         |           | CK73FB1C105K  | CHIP C 1.0UF K     |             |
|          |         |           |               |                              |             | C20      |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |             |
|          |         |           |               |                              |             | C21      |         |           | CK73GB1H152K  | CHIP C 1500PF K    |             |
|          |         |           |               |                              |             | C22      |         |           | CK73GB1H472K  | CHIP C 4700PF K    |             |
|          |         |           |               |                              |             | C23      |         |           | CK73GB1H152K  | CHIP C 1500PF K    |             |
|          |         |           |               |                              |             | C24,25   |         |           | CK73GB1H103K  | CHIP C 0.010UF K   |             |
|          |         |           |               |                              |             | C26      |         |           | CK73GB1H392K  | CHIP C 3900PF K    |             |
|          |         |           |               |                              |             | C27      |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |             |
|          |         |           |               |                              |             | C28-30   |         |           | CK73GB1H102K  | CHIP C 1000PF K    |             |
| D86      |         |           | B30-2001-05   | LED (RED)                    |             | C31      |         |           | CK73GB1H332K  | CHIP C 3300PF K    |             |
| D105     |         |           | B30-2001-05   | LED (RED)                    |             | C32      |         |           | CK73FB1E104K  | CHIP C 0.10UF K    |             |
| D801     |         |           | B30-2138-05   | LED (SR)                     | E3,E5,J     | C33      |         |           | CK73GB1H222K  | CHIP C 2200PF K    |             |
| D801     |         |           | B30-2138-05   | LED (SR)                     | J1,J2,J3    |          |         |           |               |                    |             |
| D801     |         |           | B30-2138-05   | LED (SR)                     | K1,K3,E1    |          |         |           |               |                    |             |

**TX-RX 1 UNIT (X57-605X-XX) 0-00 : J,J2 0-01 : J1,J3  
0-11 : K1,K3 0-12 : K2 2-71 : E1,E3,E5 2-72 : E2,E4**

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

# PARTS LIST

## TX-RX 1 UNIT (X57-605X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description     | Desti-nation | Ref. No. | Address | New parts | Parts No.     | Description       | Desti-nation |
|----------|---------|-----------|---------------|-----------------|--------------|----------|---------|-----------|---------------|-------------------|--------------|
| C34      |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C102     |         |           | CK73FB1E104K  | CHIP C 0.10UF K   |              |
| C35      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C103     |         |           | CC73GCH1H820J | CHIP C 82PF J     |              |
| C36      |         |           | CK73GB1H561K  | CHIP C 560PF K  |              | C104     |         |           | CK73GB1H102K  | CHIP C 1000PF K   |              |
| C37      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C105     |         |           | CC73GCH1H390J | CHIP C 39PF J     |              |
| C38      |         |           | CK73GB1H222K  | CHIP C 2200PF K |              | C106     |         |           | CC73GCH1H330J | CHIP C 33PF J     |              |
| C39      |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C107     |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C40      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C108-111 |         |           | CK73FB1E104K  | CHIP C 0.10UF K   |              |
| C41      |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C112     |         |           | CK73GB1H471K  | CHIP C 470PF K    |              |
| C42      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C113     |         |           | CC73GCH1H010B | CHIP C 1.0PF B    |              |
| C43      |         |           | CC73GCH1H271J | CHIP C 270PF J  |              | C114     |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C44,45   |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C115     |         |           | CK73GB1C104K  | CHIP C 0.10UF K   |              |
| C46,47   |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C116     |         |           | CC73GCH1H180J | CHIP C 18PF J     |              |
| C48      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C117     |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C49,50   |         |           | CC73GCH1H100D | CHIP C 10PF D   |              | C118     |         |           | CC73GCH1H020B | CHIP C 2.0PF B    |              |
| C51      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C119     |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C52      |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C121     |         |           | CK73FB1C105K  | CHIP C 1.0UF K    |              |
| C53      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C123     |         |           | CK73GB1C104K  | CHIP C 0.10UF K   |              |
| C54      |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C124     |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C55      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C125,126 |         |           | CK73GB1C104K  | CHIP C 0.10UF K   |              |
| C56      |         |           | CC73GCH1H121J | CHIP C 120PF J  |              | C127     |         |           | CK73FB1C105K  | CHIP C 1.0UF K    |              |
| C57,58   |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C129,130 |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C59      |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C131     |         |           | CC73GCH1H270J | CHIP C 27PF J     |              |
| C60      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C132     |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C61      |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C133     |         |           | CK73GB1H471K  | CHIP C 470PF K    |              |
| C62      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C134     |         |           | CK73FB1E104K  | CHIP C 0.10UF K   |              |
| C63      |         |           | CC73GCH1H820J | CHIP C 82PF J   |              | C135,136 |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C64,65   |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C137     |         |           | CK73GB1H471K  | CHIP C 470PF K    |              |
| C66,67   |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C138,139 |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C68      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C140     |         |           | CC73GCH1H060D | CHIP C 6.0PF D    |              |
| C69,70   |         |           | CC73GCH1H040C | CHIP C 4.0PF C  |              | C141     |         |           | CC73GCH1H020B | CHIP C 2.0PF B    |              |
| C71      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C143,144 |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C72      |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C145     |         |           | CC73GCH1H030C | CHIP C 3.0PF C    |              |
| C73      |         |           | CK73GB1H391K  | CHIP C 390PF K  |              | C146,147 |         |           | CC73GCH1H020B | CHIP C 2.0PF B    |              |
| C74      |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C148     |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C75      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C149     |         |           | CC73GCH1H101J | CHIP C 100PF J    |              |
| C76      |         |           | CC73GCH1H560J | CHIP C 56PF J   |              | C150     |         |           | CK73GB1H102K  | CHIP C 1000PF K   |              |
| C77      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C151     |         |           | CC73GCH1H010B | CHIP C 1.0PF B    |              |
| C78      |         |           | CK73GB1H471K  | CHIP C 470PF K  |              | C152-154 |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C79      |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C156     |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C80      |         |           | CC73GCH1H151J | CHIP C 150PF J  |              | C158-164 |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C81      |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C165     |         |           | CC73GCH1H020B | CHIP C 2.0PF B    |              |
| C82      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C166     |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C83      |         |           | CC73GCH1H390J | CHIP C 39PF J   |              | C167     |         |           | CC73GCH1H100D | CHIP C 10PF D     |              |
| C84      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C168,169 |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C85      |         |           | CC73GCH1H181J | CHIP C 180PF J  |              | C172-177 |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C86      |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C178     |         |           | CC73GCH1H100D | CHIP C 10PF D     |              |
| C87      |         |           | CC73GCH1H220J | CHIP C 22PF J   |              | C179     |         |           | CC73GCH1H060D | CHIP C 6.0PF D    |              |
| C88      |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C180     |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C89      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C181     |         |           | CC73GCH1H100D | CHIP C 10PF D     |              |
| C90      |         |           | CC73GCH1H470J | CHIP C 47PF J   |              | C182,183 |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C91      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C184     |         |           | CC73GCH1H120J | CHIP C 12PF J     |              |
| C93      |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C185,186 |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C94      |         |           | CC73GCH1H120J | CHIP C 12PF J   |              | C187     |         |           | CC73GCH1H120J | CHIP C 12PF J     |              |
| C95      |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C190     |         |           | CC73GCH1H080D | CHIP C 8.0PF D    |              |
| C96      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C191     |         |           | CC73GCH1H200J | CHIP C 20PF J     |              |
| C97      |         |           | CC73GCH1H330J | CHIP C 33PF J   |              | C192     |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C98      |         |           | CK73GB1H102K  | CHIP C 1000PF K |              | C193     |         |           | CC73GCH1H080D | CHIP C 8.0PF D    |              |
| C99      |         |           | CK73FB1E104K  | CHIP C 0.10UF K |              | C196     |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |
| C100     |         |           | CC73GCH1H560J | CHIP C 56PF J   |              | C197     |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV |              |
| C101     |         |           | CC73GCH1H150J | CHIP C 15PF J   |              | C198-201 |         |           | CK73GB1H103K  | CHIP C 0.010UF K  |              |

# PARTS LIST

## TX-RX 1 UNIT (X57-605X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description           | Desti-nation | Ref. No. | Address | New parts | Parts No.     | Description          | Desti-nation |
|----------|---------|-----------|---------------|-----------------------|--------------|----------|---------|-----------|---------------|----------------------|--------------|
| C202     |         |           | CC73GCH1H100D | CHIP C 10PF D         |              | C309     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C203     |         |           | CC73GCH1H040C | CHIP C 4.0PF C        |              | C310     |         | *         | CC73GUJ1H180J | CHIP C 18PF J        |              |
| C204     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV   |              | C311     |         |           | CC73GCH1H0R5B | CHIP C 0.5PF B       |              |
| C205     |         |           | CC73GCH1H100D | CHIP C 10PF D         |              | C312     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              |
| C206-211 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C313     |         | *         | CC73GUJ1H180J | CHIP C 18PF J        |              |
| C213,214 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C314     |         |           | CC73GCH1H020B | CHIP C 2.0PF B       |              |
| C216     |         |           | CS77CA1ER47M  | CHIP TNTL 0.47UF 25WV |              | C315     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C217,218 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C316     |         | *         | CC73GUJ1H270J | CHIP C 27PF J        |              |
| C219     |         |           | CS77CA1ER47M  | CHIP TNTL 0.47UF 25WV |              | C317-320 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C221,222 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C321     |         |           | CC73GUJ1H150J | CHIP C 15PF J        |              |
| C223     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C322,323 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C224     |         |           | CC73GCH1H100D | CHIP C 10PF D         |              | C324     |         |           | CK73GB1H332K  | CHIP C 3300PF K      |              |
| C225     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C327-337 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C227,228 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C338     |         |           | CK73FB1C105K  | CHIP C 1.0UF K       |              |
| C229     |         |           | CS77CA1C010M  | CHIP TNTL 1.0UF 16WV  |              | C339-342 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C230     |         | *         | CD04AZ1V101M  | ELECTRO 100UF 35WV    |              | C343     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              |
| C233     |         |           | CC73GCH1H270J | CHIP C 27PF J         |              | C344-346 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C234,235 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C347     |         |           | CK73FB1C474K  | CHIP C 0.47UF K      |              |
| C236     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C348     |         |           | CK73GB1H471K  | CHIP C 470PF K       |              |
| C237,238 |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              | C349     |         |           | CK73GB1C273K  | CHIP C 0.027UF K     |              |
| C239     |         |           | CC73GCH1H221J | CHIP C 220PF J        |              | C350     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C241     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              | C351     |         |           | CK73FB1E104K  | CHIP C 0.10UF K      |              |
| C242     |         |           | CK73GB1H472K  | CHIP C 4700PF K       |              | C352     |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              |
| C243     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              | C353-358 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C244     |         |           | CK73FB1C105K  | CHIP C 1.0UF K        |              | C359     |         |           | CC73GCH1H010B | CHIP C 1.0PF B       |              |
| C245     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              | C361-363 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C246-250 |         |           | CK73FB1C105K  | CHIP C 1.0UF K        |              | C364     |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV    |              |
| C251     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              | C365-369 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C252     |         |           | CK73GB1C473K  | CHIP C 0.047UF K      |              | C370     |         |           | CC73GCH1H100D | CHIP C 10PF D        |              |
| C254     |         |           | CK73GB1E223K  | CHIP C 0.022UF K      |              | C373     |         |           | CS77AA1A4R7M  | CHIP TNTL 4.7UF 10WV |              |
| C258     |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV     |              | C374     |         |           | CK73FB1C105K  | CHIP C 1.0UF K       |              |
| C259-262 |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              | C375-378 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C263     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C379     |         |           | CC73GCH1H030C | CHIP C 3.0PF C       |              |
| C264-269 |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              | C380     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C270     |         |           | CC73GCH1H101J | CHIP C 100PF J        |              | C381,382 |         |           | CC73GCH1H221J | CHIP C 220PF J       |              |
| C271     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              | C383     |         |           | CC73GUJ1H070D | CHIP C 7.0PF D       |              |
| C272     |         |           | CC73GCH1H331J | CHIP C 330PF J        |              | C384     |         |           | CC73GUJ1H030C | CHIP C 3.0PF C       |              |
| C273,274 |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              | C385     |         |           | CK73FB1C105K  | CHIP C 1.0UF K       |              |
| C275     |         |           | CC73GCH1H271J | CHIP C 270PF J        |              | C386     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C276-278 |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              | C388     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV  |              |
| C279     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C389     |         |           | CK73GB1E223K  | CHIP C 0.022UF K     |              |
| C281     |         |           | CK73FB1C105K  | CHIP C 1.0UF K        |              | C390,391 |         |           | CK73FB1C105K  | CHIP C 1.0UF K       |              |
| C282     |         |           | CC73GCH1H101J | CHIP C 100PF J        |              | C393     |         |           | CK73FB1C105K  | CHIP C 1.0UF K       |              |
| C283     |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV     |              | C394     |         |           | CS77AA1A4R7M  | CHIP TNTL 4.7UF 10WV |              |
| C284     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C395     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C286     |         |           | CK73FB1C105K  | CHIP C 1.0UF K        |              | C396     |         | *         | CD04AZ1V101M  | ELECTRO 100UF 35WV   |              |
| C287,288 |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              | C397,398 |         | *         | CD04AY1E470M  | ELECTRO 47UF 25WV    |              |
| C289     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C399     |         | *         | CD04AZ1E471M  | ELECTRO 470UF 25WV   |              |
| C290     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              | C400     |         | *         | CD04AR1C331M  | ELECTRO 330UF 16WV   |              |
| C291     |         |           | CK73FB1E104K  | CHIP C 0.10UF K       |              | C401     |         | *         | CD04AZ1E471M  | ELECTRO 470UF 25WV   |              |
| C292     |         |           | CC73GCH1H390J | CHIP C 39PF J         |              | C402     |         |           | CK73FB1E104K  | CHIP C 0.10UF K      |              |
| C293,294 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C403     |         | *         | CD04AY1E470M  | ELECTRO 47UF 25WV    |              |
| C295-298 |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              | C404     |         |           | CK73FB1E104K  | CHIP C 0.10UF K      |              |
| C299-301 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C405     |         | *         | CD04AY1E470M  | ELECTRO 47UF 25WV    |              |
| C302     |         |           | CC73GUJ1H150J | CHIP C 15PF J         |              | C406     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C303     |         |           | CK73GB1H471K  | CHIP C 470PF K        |              | C407,408 |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV    |              |
| C304     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C409     |         |           | CK73FB1C105K  | CHIP C 1.0UF K       |              |
| C305     |         |           | CK73GB1H471K  | CHIP C 470PF K        |              | C410-413 |         |           | CK73FB1E104K  | CHIP C 0.10UF K      |              |
| C306,307 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C417     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              |
| C308     |         |           | CC73GCH1H010B | CHIP C 1.0PF B        |              | C418     |         |           | CK73GB1H471K  | CHIP C 470PF K       |              |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

# PARTS LIST

## TX-RX 1 UNIT (X57-605X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description           | Desti-nation | Ref. No. | Address | New parts | Parts No.     | Description          | Desti-nation |
|----------|---------|-----------|---------------|-----------------------|--------------|----------|---------|-----------|---------------|----------------------|--------------|
| C419     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C522     |         | *         | CD04AZ1V101M  | ELECTRO 100UF 35WV   |              |
| C420     |         |           | CS77CA1C010M  | CHIP TNTL 1.0UF 16WV  |              | C523-525 |         |           | CS77AA1A4R7M  | CHIP TNTL 4.7UF 10WV |              |
| C421     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C526-528 |         |           | CK73FB1C105K  | CHIP C 1.0UF K       |              |
| C422,423 |         |           | CK73GB1H471K  | CHIP C 470PF K        |              | C529-531 |         |           | CS77AA1A4R7M  | CHIP TNTL 4.7UF 10WV |              |
| C424     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C532-537 |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              |
| C425     |         |           | CK73FB1E104K  | CHIP C 0.10UF K       |              | C538,539 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C426     |         |           | CK73GB1H222K  | CHIP C 2200PF K       |              | C547     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C427     |         |           | CK73GB1H332K  | CHIP C 3300PF K       |              | C553     |         | *         | CD04AZ1E221M  | ELECTRO 220UF 25WV   |              |
| C428     |         | *         | CD04AY1E470M  | ELECTRO 47UF 25WV     |              | C556     |         |           | CK73FB1C105K  | CHIP C 1.0UF K       |              |
| C429     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C601     |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              |
| C430,431 |         | *         | CD04AY1E470M  | ELECTRO 47UF 25WV     |              | C602     |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV    |              |
| C432,433 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C603     |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              |
| C434-436 |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C604     |         |           | CK73GB1H472K  | CHIP C 4700PF K      |              |
| C437     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C605-607 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C438     |         |           | CK45FE2H222PN | CERAMIC 2200PF P      |              | C608     |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV    |              |
| C439,440 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C609     |         |           | CK73GB1H472K  | CHIP C 4700PF K      |              |
| C441-444 |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C610-613 |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              |
| C449-452 |         |           | CK73FB1C105K  | CHIP C 1.0UF K        |              | C614     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              |
| C453     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C615     |         |           | CK73GB1H182K  | CHIP C 1800PF K      |              |
| C454     |         |           | CK73FB1C105K  | CHIP C 1.0UF K        |              | C616     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              |
| C455     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C617     |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV    |              |
| C456     |         | *         | CD04AZ1V101M  | ELECTRO 100UF 35WV    |              | C618,619 |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              |
| C457     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C620     |         |           | CK73GB1H472K  | CHIP C 4700PF K      |              |
| C458     |         |           | CK73FB1C105K  | CHIP C 1.0UF K        |              | C621-623 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C459     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C624     |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV    |              |
| C460,461 |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C625,626 |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              |
| C462     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C627     |         |           | CK73GB1H472K  | CHIP C 4700PF K      |              |
| C463-466 |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C628,629 |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              |
| C467-470 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C630     |         |           | CC73GCH1H680J | CHIP C 68PF J        |              |
| C471     |         |           | CK73GB1E223K  | CHIP C 0.022UF K      |              | C631     |         |           | CC73GCH1H180J | CHIP C 18PF J        |              |
| C472     |         |           | CS77CA1ER47M  | CHIP TNTL 0.47UF 25WV |              | C632     |         |           | CC73GCH1H820J | CHIP C 82PF J        |              |
| C473     |         |           | CK73GB1C473K  | CHIP C 0.047UF K      |              | C633     |         |           | CC73GCH1H080D | CHIP C 8.0PF D       |              |
| C474     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C634     |         |           | CC73GCH1H390J | CHIP C 39PF J        |              |
| C475     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C635     |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV    |              |
| C476     |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV     |              | C636,637 |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              |
| C477     |         | *         | CD04AZ1H4R7M  | ELECTRO 4.7UF 50WV    |              | C638     |         |           | CK73GB1H472K  | CHIP C 4700PF K      |              |
| C478     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C639-641 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C479     |         |           | CC73GCH1H101J | CHIP C 100PF J        |              | C642     |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV    |              |
| C480     |         | *         | CD04AZ1H4R7M  | ELECTRO 4.7UF 50WV    |              | C643     |         |           | CK73GB1H472K  | CHIP C 4700PF K      |              |
| C481-484 |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C644-647 |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              |
| C485-487 |         |           | CC73GCH1H101J | CHIP C 100PF J        |              | C648     |         |           | CC73GCH1H390J | CHIP C 39PF J        |              |
| C488     |         | *         | CD04AZ1H100M  | ELECTRO 10UF 50WV     |              | C649     |         |           | CC73GCH1H180J | CHIP C 18PF J        |              |
| C489     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C650     |         |           | CC73GCH1H820J | CHIP C 82PF J        |              |
| C490,491 |         |           | CC73GCH1H101J | CHIP C 100PF J        |              | C651     |         |           | CC73GCH1H090B | CHIP C 9.0PF B       |              |
| C492     |         |           | CS77CA1C010M  | CHIP TNTL 1.0UF 16WV  |              | C652     |         |           | CC73GCH1H390J | CHIP C 39PF J        |              |
| C493-499 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C700     |         | *         | CD04AZ1H220M  | ELECTRO 22UF 50WV    |              |
| C500     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              | C703     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C501     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              | C704     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              |
| C502     |         |           | CK73GB1C104K  | CHIP C 0.10UF K       |              | C705     |         |           | CC73GCH1H221J | CHIP C 220PF J       |              |
| C505     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C706-708 |         |           | CC73GUJ1H040C | CHIP C 4.0PF C       |              |
| C506     |         | *         | CD04AZ1H220M  | ELECTRO 22UF 50WV     |              | C709,710 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C507,508 |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C711     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              |
| C509     |         | *         | CD04AZ1H220M  | ELECTRO 22UF 50WV     |              | C712-716 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C510,511 |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C718     |         |           | CC73GUJ1H040C | CHIP C 4.0PF C       |              |
| C512     |         | *         | CD04AZ1H220M  | ELECTRO 22UF 50WV     |              | C719     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C513,514 |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C720     |         |           | CC73GCH1H390J | CHIP C 39PF J        |              |
| C515     |         | *         | CD04AZ1H220M  | ELECTRO 22UF 50WV     |              | C721,722 |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              |
| C516     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C723     |         |           | CS77AA1A4R7M  | CHIP TNTL 4.7UF 10WV |              |
| C517-520 |         |           | CK73FB1E104K  | CHIP C 0.10UF K       |              | C724,725 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              |
| C521     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              | C726     |         |           | CK73FB1C105K  | CHIP C 1.0UF K       |              |

# PARTS LIST

## TX-RX 1 UNIT (X57-605X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description         | Destination | Ref. No. | Address | New parts | Parts No.     | Description        | Destination |
|----------|---------|-----------|---------------|---------------------|-------------|----------|---------|-----------|---------------|--------------------|-------------|
| C727,728 |         |           | CC73GCH1H101J | CHIP C 100PF J      |             | C818-820 |         |           | CK73GB1C104K  | CHIP C 0.10UF K    | J1,J2,J3    |
| C739     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |             | C818-820 |         |           | CK73GB1C104K  | CHIP C 0.10UF K    | K1,K3,E1    |
| C741     |         |           | CK73FB1C105K  | CHIP C 1.0UF K      |             | C821,822 |         |           | CC73GCH1H100D | CHIP C 10PF D      | E3,E5,J     |
| C743     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |             | C821,822 |         |           | CC73GCH1H100D | CHIP C 10PF D      | J1,J2,J3    |
| C744     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |             | C821,822 |         |           | CC73GCH1H100D | CHIP C 10PF D      | K1,K3,E1    |
| C745,746 |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |             | C823     |         |           | CK73GB1C104K  | CHIP C 0.10UF K    | E3,E5,J     |
| C747     |         |           | CK73FB1C105K  | CHIP C 1.0UF K      |             | C823     |         |           | CK73GB1C104K  | CHIP C 0.10UF K    | J1,J2,J3    |
| C749     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |             | C823     |         |           | CK73GB1C104K  | CHIP C 0.10UF K    | K1,K3,E1    |
| C750     |         |           | CK73FB1E104K  | CHIP C 0.10UF K     |             | C824     |         |           | CK73GB1H103K  | CHIP C 0.010UF K   | E3,E5,J     |
| C752     |         |           | CC73GCH1H560J | CHIP C 56PF J       |             | C824     |         |           | CK73GB1H103K  | CHIP C 0.010UF K   | J1,J2,J3    |
| C753     |         |           | CC73GCH1H100D | CHIP C 10PF D       |             | C824     |         |           | CK73GB1H103K  | CHIP C 0.010UF K   | K1,K3,E1    |
| C754     |         |           | CC73GCH1H221J | CHIP C 220PF J      |             | C826-842 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | E3,E5,J     |
| C755     |         |           | CC73GCH1H271J | CHIP C 270PF J      |             | C826-842 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | J1,J2,J3    |
| C757     |         |           | CK73GB1H102K  | CHIP C 1000PF K     |             | C826-842 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | K1,K3,E1    |
| C758     |         |           | CK73GB1E223K  | CHIP C 0.022UF K    |             | C844     |         |           | CK73GB1H102K  | CHIP C 1000PF K    | E3,E5,J     |
| C759,760 |         |           | CK73FB1C105K  | CHIP C 1.0UF K      |             | C844     |         |           | CK73GB1H102K  | CHIP C 1000PF K    | J1,J2,J3    |
| C761,762 |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |             | C844     |         |           | CK73GB1H102K  | CHIP C 1000PF K    | K1,K3,E1    |
| C763     |         |           | CC73GCH1H030C | CHIP C 3.0PF C      |             | C847-850 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | E3,E5,J     |
| C765,766 |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |             | C847-850 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | J1,J2,J3    |
| C767     |         |           | CC73GCH1H010B | CHIP C 1.0PF B      |             | C847-850 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | K1,K3,E1    |
| C770,771 |         |           | CK73GB1H102K  | CHIP C 1000PF K     |             | C851     |         |           | CK73GB1H103K  | CHIP C 0.010UF K   | E3,E5,J     |
| C772     |         |           | CC73GCH1H470J | CHIP C 47PF J       |             | C851     |         |           | CK73GB1H103K  | CHIP C 0.010UF K   | J1,J2,J3    |
| C773-776 |         |           | CK73GB1H102K  | CHIP C 1000PF K     |             | C851     |         |           | CK73GB1H103K  | CHIP C 0.010UF K   | K1,K3,E1    |
| C777     |         |           | CC73GCH1H221J | CHIP C 220PF J      |             | C852-855 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | E3,E5,J     |
| C778     |         | *         | CD04A21H100M  | ELECTRO 10UF 50WV   |             | C852-855 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | J1,J2,J3    |
| C779     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |             | C852-855 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | K1,K3,E1    |
| C780     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |             | C858-860 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | E3,E5,J     |
| C781     |         |           | CC73GCH1H101J | CHIP C 100PF J      |             | C858-860 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | J1,J2,J3    |
| C782     |         |           | CS77CA1C010M  | CHIP TNL 1.0UF 16WV |             | C858-860 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | K1,K3,E1    |
| C783     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |             | C861     |         |           | CK73GB1H103K  | CHIP C 0.010UF K   | E3,E5,J     |
| C784,785 |         |           | CK73GB1H152K  | CHIP C 1500PF K     |             | C861     |         |           | CK73GB1H103K  | CHIP C 0.010UF K   | J1,J2,J3    |
| C786     |         |           | CK73FB1C334K  | CHIP C 0.33UF K     |             | C861     |         |           | CK73GB1H103K  | CHIP C 0.010UF K   | K1,K3,E1    |
| C787     |         |           | CK73FB1E104K  | CHIP C 0.10UF K     |             | C862-866 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | E3,E5,J     |
| C788,789 |         |           | CK73FB1C105K  | CHIP C 1.0UF K      |             | C862-866 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | J1,J2,J3    |
| C790,791 |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |             | C862-866 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | K1,K3,E1    |
| C792     |         |           | CK73EB1H104K  | CHIP C 0.10UF K     |             | C867,868 |         |           | CK73GB1C104K  | CHIP C 0.10UF K    | E3,E5,J     |
| C793,794 |         |           | CK73GB1H471K  | CHIP C 470PF K      |             | C867,868 |         |           | CK73GB1C104K  | CHIP C 0.10UF K    | J1,J2,J3    |
| C795     |         |           | CK73GB1E105K  | CHIP C 1.0UF K      |             | C867,868 |         |           | CK73GB1C104K  | CHIP C 0.10UF K    | K1,K3,E1    |
| C800     |         |           | CK73GB1E223K  | CHIP C 0.022UF K    | E3,E5,J     | C869     |         |           | CK73FB1C105K  | CHIP C 1.0UF K     | E3,E5,J     |
| C800     |         |           | CK73GB1E223K  | CHIP C 0.022UF K    | J1,J2,J3    | C869     |         |           | CK73FB1C105K  | CHIP C 1.0UF K     | J1,J2,J3    |
| C800     |         |           | CK73GB1E223K  | CHIP C 0.022UF K    | K1,K3,E1    | C869     |         |           | CK73FB1C105K  | CHIP C 1.0UF K     | K1,K3,E1    |
| C801,802 |         |           | CK73GB1C104K  | CHIP C 0.10UF K     | E3,E5,J     | C870,871 |         |           | CK73GB1C473K  | CHIP C 0.047UF K   | E3,E5,J     |
| C801,802 |         |           | CK73GB1C104K  | CHIP C 0.10UF K     | J1,J2,J3    | C870,871 |         |           | CK73GB1C473K  | CHIP C 0.047UF K   | J1,J2,J3    |
| C801,802 |         |           | CK73GB1C104K  | CHIP C 0.10UF K     | K1,K3,E1    | C870,871 |         |           | CK73GB1C473K  | CHIP C 0.047UF K   | K1,K3,E1    |
| C803     |         | *         | C92-0884-05   | ELECTRO 22UF 16WV   | E3,E5,J     | C950,951 |         |           | CK73GB1H103K  | CHIP C 0.010UF K   |             |
| C803     |         | *         | C92-0884-05   | ELECTRO 22UF 16WV   | J1,J2,J3    | C952-955 |         |           | CK73EF1C105Z  | CHIP C 1.0UF Z     | E3,E5,J     |
| C803     |         | *         | C92-0884-05   | ELECTRO 22UF 16WV   | K1,K3,E1    | C952-955 |         |           | CK73EF1C105Z  | CHIP C 1.0UF Z     | J1,J2,J3    |
| C804     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     | E3,E5,J     | C952-955 |         |           | CK73EF1C105Z  | CHIP C 1.0UF Z     | K1,K3,E1    |
| C804     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     | J1,J2,J3    | C956-959 |         |           | CK73GB1H103K  | CHIP C 0.010UF K   |             |
| C804     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     | K1,K3,E1    | C962-965 |         |           | CK73EF1C105Z  | CHIP C 1.0UF Z     | K2,E2,E4    |
| C806     |         |           | CK73GB1H102K  | CHIP C 1000PF K     | E3,E5,J     | C966     |         |           | CK73GB1C104K  | CHIP C 0.10UF K    | K2,E2,E4    |
| C806     |         |           | CK73GB1H102K  | CHIP C 1000PF K     | J1,J2,J3    | C967-969 |         |           | CK73FB1C105K  | CHIP C 1.0UF K     | K2,E2,E4    |
| C806     |         |           | CK73GB1H102K  | CHIP C 1000PF K     | K1,K3,E1    | C970     |         | *         | CD04AY1A101M  | ELECTRO 100UF 10WV | E1,E2,E3    |
| C810,811 |         |           | CK73GB1C104K  | CHIP C 0.10UF K     | E3,E5,J     | C970     |         | *         | CD04AY1A101M  | ELECTRO 100UF 10WV | E4,E5       |
| C810,811 |         |           | CK73GB1C104K  | CHIP C 0.10UF K     | J1,J2,J3    | C970     |         |           | CE04EW1A101M  | ELECTRO 100UF 10WV | J,J1,J2     |
| C810,811 |         |           | CK73GB1C104K  | CHIP C 0.10UF K     | K1,K3,E1    | C970     |         |           | CE04EW1A101M  | ELECTRO 100UF 10WV | J3          |
| C812-816 |         |           | CK73GB1H102K  | CHIP C 1000PF K     | E3,E5,J     | C970     |         |           | CE04EW1A101M  | ELECTRO 100UF 10WV | K1,K2,K3    |
| C812-816 |         |           | CK73GB1H102K  | CHIP C 1000PF K     | J1,J2,J3    | C971     |         |           | CK73GB1A474K  | CHIP C 0.47UF K    | E1,E2,E3    |
| C812-816 |         |           | CK73GB1H102K  | CHIP C 1000PF K     | K1,K3,E1    | C971     |         |           | CK73GB1A474K  | CHIP C 0.47UF K    | E4,E5       |
| C818-820 |         |           | CK73GB1C104K  | CHIP C 0.10UF K     | E3,E5,J     | C972     |         |           | CK73FB1C105K  | CHIP C 1.0UF K     | K2,E2,E4    |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

# PARTS LIST

## TX-RX 1 UNIT (X57-605X-XX)

| Ref. No. | Address | New parts | Parts No.   | Description                     | Destination | Ref. No.  | Address | New parts | Parts No.   | Description                  | Destination |
|----------|---------|-----------|-------------|---------------------------------|-------------|-----------|---------|-----------|-------------|------------------------------|-------------|
| TC1,2    |         | *         | C05-0344-15 | CERAMIC TRIMMER CAPACITOR (30P) | E1,E2,E3    | CN959,960 |         |           | E41-1682-05 | PIN ASSY                     | K2,E2,E4    |
| TC1,2    |         | *         | C05-0344-15 | CERAMIC TRIMMER CAPACITOR (30P) | E4,E5       | CN961     |         | *         | E41-1686-05 | PIN ASSY                     | K2,E2,E4    |
| TC3      |         |           | C05-0369-05 | CERAMIC TRIMMER CAPACITOR       |             | CN962     |         | *         | E41-1684-05 | PIN ASSY                     | E3,E5,J     |
| -        |         |           | E18-0254-05 | SOCKET                          |             | CN962     |         | *         | E41-1684-05 | PIN ASSY                     | J1,J2,J3    |
| -        |         |           | E23-1176-04 | EARTH LUG                       |             | CN962     |         | *         | E41-1684-05 | PIN ASSY                     | K1,K3,E1    |
| -        |         |           | E37-0895-05 | LEAD WIRE WITH TERMINAL         | K2,E2,E4    | J1        |         |           | E13-0166-05 | PIN JACK                     |             |
| CN1      |         |           | E04-0154-05 | PIN SOCKET                      |             | J2,3      |         |           | E11-0414-05 | 3.5D PHONE JACK (3P)         |             |
| CN2-4    |         |           | E40-5487-05 | PIN ASSY                        |             | J4        |         | *         | E06-0752-15 | DIN SOCKET                   |             |
|          |         |           |             |                                 |             | J5        |         | *         | E58-0529-05 | SUB SOCKET (D)               |             |
| CN5      |         |           | E04-0154-05 | PIN SOCKET                      |             | J6        |         | *         | E58-0410-15 | MODULAR JACK                 |             |
| CN6      |         |           | E40-0211-05 | PIN ASSY                        |             |           |         |           |             |                              |             |
| CN7      |         |           | E04-0154-05 | PIN SOCKET                      |             | J7        |         | *         | E06-0859-15 | DIN SOCKET                   |             |
| CN9      |         |           | E40-0211-05 | PIN ASSY                        |             | J8        |         | *         | E56-0408-15 | DIN SOCKET                   |             |
| CN10     |         |           | E40-6525-05 | PIN ASSY                        |             | J950      |         |           | E06-0858-15 | MIC CONNECTOR (8P)           |             |
|          |         |           |             |                                 |             | J951      |         |           | E11-0705-05 | PHONE JACK (9P)              | E3,E5,J     |
| CN11     |         | *         | E40-6527-05 | PIN ASSY                        |             | J951      |         |           | E11-0705-05 | PHONE JACK (9P)              | J1,J2,J3    |
| CN12     |         |           | E04-0154-05 | PIN SOCKET                      |             |           |         |           |             |                              |             |
| CN14     |         |           | E04-0154-05 | PIN SOCKET                      |             | J951      |         |           | E11-0705-05 | PHONE JACK (9P)              | K1,K3,E1    |
| CN16     |         | *         | E40-6527-05 | PIN ASSY                        |             | J952      |         |           | E11-0705-05 | PHONE JACK (9P)              | K2,E2,E4    |
| CN17,18  |         |           | E40-6525-05 | PIN ASSY                        |             | W1        |         | *         | E37-0884-15 | LEAD WIRE WITH CONNECTOR     |             |
|          |         |           |             |                                 |             | W2        |         |           | E37-0954-05 | LEAD WIRE WITH CONNECTOR     |             |
| CN20     |         | *         | E40-6684-05 | FLAT CABLE CONNECTOR            |             | -         |         |           | F10-2003-14 | SHIELDING CASE               |             |
| CN21     |         |           | E40-5747-05 | SOCKET FOR PIN ASSY             |             | F1        |         |           | F53-0115-05 | FUSE (1A/50V)                |             |
| CN22,23  |         |           | E04-0154-05 | PIN SOCKET                      |             |           |         |           |             |                              |             |
| CN24,25  |         | *         | E40-6656-05 | PIN ASSY                        |             | CN30      |         |           | J19-1570-05 | HOLDER                       |             |
| CN26,27  |         |           | E40-5978-05 | FLAT CABLE CONNECTOR            |             |           |         |           |             |                              |             |
| CN29     |         |           | E40-5978-05 | FLAT CABLE CONNECTOR            |             | CF1       |         |           | L72-0984-05 | CERAMIC FILTER (455KHz)      |             |
| CN31     |         |           | E40-6526-05 | PIN ASSY                        |             | CF2       |         |           | L72-0985-05 | CERAMIC FILTER (455KHz)      |             |
| CN32     |         | *         | E40-6527-05 | PIN ASSY                        |             | CF3       |         |           | L72-0333-05 | CERAMIC FILTER (455KHz)      |             |
| CN49     |         |           | E04-0154-05 | PIN SOCKET                      |             | CF4       |         |           | L72-0984-05 | CERAMIC FILTER (455KHz)      |             |
| CN800    |         |           | E40-5978-05 | FLAT CABLE CONNECTOR            | E3,E5,J     | L1        |         | *         | L41-1885-32 | SMALL FIXED INDUCTOR (180NH) |             |
| CN800    |         |           | E40-5978-05 | FLAT CABLE CONNECTOR            | J1,J2,J3    | L2        |         |           | L33-0695-05 | SMALL FIXED INDUCTOR         |             |
| CN800    |         |           | E40-5978-05 | FLAT CABLE CONNECTOR            | K1,K3,E1    | L3,4      |         |           | L40-6891-14 | SMALL FIXED INDUCTOR         |             |
| CN801    |         |           | E40-5736-05 | FLAT CABLE CONNECTOR            | E3,E5,J     | L5,6      |         |           | L33-0695-05 | SMALL FIXED INDUCTOR         |             |
| CN801    |         |           | E40-5736-05 | FLAT CABLE CONNECTOR            | J1,J2,J3    | L7        |         |           | L40-6891-15 | SMALL FIXED INDUCTOR         | E1,E2,E3    |
| CN801    |         |           | E40-5736-05 | FLAT CABLE CONNECTOR            | K1,K3,E1    | L7        |         |           | L40-6891-15 | SMALL FIXED INDUCTOR         | E4,E5       |
| CN804    |         | *         | E40-6527-05 | PIN ASSY                        | E3,E5,J     | L8        |         |           | L33-0695-05 | SMALL FIXED INDUCTOR         |             |
| CN804    |         | *         | E40-6527-05 | PIN ASSY                        | J1,J2,J3    | L9        |         |           | L40-6891-15 | SMALL FIXED INDUCTOR         | E1,E2,E3    |
| CN804    |         | *         | E40-6527-05 | PIN ASSY                        | K1,K3,E1    | L9        |         |           | L40-6891-15 | SMALL FIXED INDUCTOR         | E4,E5       |
| CN805    |         |           | E40-5978-05 | FLAT CABLE CONNECTOR            | E3,E5,J     | L10       |         |           | L41-6895-33 | SMALL FIXED INDUCTOR (6.8UH) |             |
| CN805    |         |           | E40-5978-05 | FLAT CABLE CONNECTOR            | J1,J2,J3    | L11       |         |           | L33-0695-05 | SMALL FIXED INDUCTOR         |             |
| CN805    |         |           | E40-5978-05 | FLAT CABLE CONNECTOR            | K1,K3,E1    | L12,13    |         | *         | L41-2215-39 | SMALL FIXED INDUCTOR (220U)  |             |
| CN806    |         |           | E40-5741-05 | FLAT CABLE CONNECTOR            | E3,E5,J     | L14       |         |           | L40-1892-14 | SMALL FIXED INDUCTOR         |             |
| CN806    |         |           | E40-5741-05 | FLAT CABLE CONNECTOR            | J1,J2,J3    | L15       |         |           | L40-6891-14 | SMALL FIXED INDUCTOR         |             |
| CN806    |         |           | E40-5741-05 | FLAT CABLE CONNECTOR            | K1,K3,E1    | L16       |         |           | L40-1892-14 | SMALL FIXED INDUCTOR         |             |
| CN950    |         | *         | E41-1686-05 | PIN ASSY                        | E3,E5,J     | L17       |         |           | L40-1292-14 | SMALL FIXED INDUCTOR         |             |
| CN950    |         | *         | E41-1686-05 | PIN ASSY                        | J1,J2,J3    | L18       |         |           | L40-5691-14 | SMALL FIXED INDUCTOR         |             |
| CN950    |         | *         | E41-1686-05 | PIN ASSY                        | K1,K3,E1    | L19       |         |           | L40-1292-14 | SMALL FIXED INDUCTOR         |             |
| CN951    |         | *         | E41-1687-05 | PIN ASSY                        |             | L20       |         |           | L40-1092-14 | SMALL FIXED INDUCTOR         |             |
| CN952    |         |           | E40-6074-05 | FLAT CABLE CONNECTOR            | E3,E5,J     | L21       |         |           | L40-3391-14 | SMALL FIXED INDUCTOR         |             |
| CN952    |         |           | E40-6074-05 | FLAT CABLE CONNECTOR            | J1,J2,J3    | L22       |         |           | L40-1092-14 | SMALL FIXED INDUCTOR         |             |
| CN952    |         |           | E40-6074-05 | FLAT CABLE CONNECTOR            | K1,K3,E1    | L23-25    |         | *         | L34-4831-05 | COIL                         |             |
| CN953    |         |           | E40-6077-05 | FLAT CABLE CONNECTOR            | E3,E5,J     | L26       |         |           | L40-3382-14 | SMALL FIXED INDUCTOR         |             |
| CN953    |         |           | E40-6077-05 | FLAT CABLE CONNECTOR            | J1,J2,J3    | L27       |         |           | L40-2792-14 | SMALL FIXED INDUCTOR         |             |
| CN953    |         |           | E40-6077-05 | FLAT CABLE CONNECTOR            | K1,K3,E1    | L28       |         |           | L40-3382-14 | SMALL FIXED INDUCTOR         |             |
| CN956    |         | *         | E40-6610-05 | PIN ASSY                        | E3,E5,J     | L29       |         |           | L40-2282-14 | SMALL FIXED INDUCTOR         |             |
| CN956    |         | *         | E40-6610-05 | PIN ASSY                        | J1,J2,J3    | L30       |         |           | L40-2292-14 | SMALL FIXED INDUCTOR         |             |
| CN956    |         | *         | E40-6610-05 | PIN ASSY                        | K1,K3,E1    | L31       |         |           | L40-2282-14 | SMALL FIXED INDUCTOR         |             |
| CN957    |         | *         | E40-6594-05 | PIN ASSY                        | E3,E5,J     | L32-34    |         | *         | L34-4832-05 | COIL                         |             |
| CN957    |         | *         | E40-6594-05 | PIN ASSY                        | J1,J2,J3    | L35       |         |           | L40-2282-14 | SMALL FIXED INDUCTOR         |             |
| CN957    |         | *         | E40-6594-05 | PIN ASSY                        | K1,K3,E1    | L36       |         |           | L40-1592-14 | SMALL FIXED INDUCTOR         |             |
| CN958    |         | *         | E41-1686-05 | PIN ASSY                        | K2,E2,E4    | L37,38    |         |           | L40-2282-14 | SMALL FIXED INDUCTOR         |             |

## PARTS LIST

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| Ref. No. | Address | New parts | Parts No.   | Description                   | Destination | Ref. No.  | Address | New parts | Parts No.    | Description                     | Destination |
|----------|---------|-----------|-------------|-------------------------------|-------------|-----------|---------|-----------|--------------|---------------------------------|-------------|
| L39      |         |           | L40-1292-14 | SMALL FIXED INDUCTOR          |             | L126      |         | *         | L41-4705-39  | SMALL FIXED INDUCTOR (47U)      |             |
| L40-43   |         |           | L40-2282-14 | SMALL FIXED INDUCTOR          |             | L129-131  |         | *         | L41-1015-39  | SMALL FIXED INDUCTOR (100U)     |             |
| L44      |         | *         | L34-4833-05 | COIL                          |             | L132-135  |         |           | L41-1095-39  | SMALL FIXED INDUCTOR (1.0U)     |             |
| L45,46   |         | *         | L34-4819-05 | COIL                          |             | L601,602  |         |           | L41-1005-39  | SMALL FIXED INDUCTOR (10U)      |             |
| L47      |         |           | L33-0695-05 | SMALL FIXED INDUCTOR          |             | L603,604  |         | *         | L41-1015-39  | SMALL FIXED INDUCTOR (100U)     |             |
| L48      |         | *         | L41-1588-40 | SMALL FIXED INDUCTOR (150NH)  |             | L605,606  |         |           | L41-1005-39  | SMALL FIXED INDUCTOR (10U)      |             |
| L49      |         | *         | L41-1088-40 | SMALL FIXED INDUCTOR (100NH)  |             | L607      |         |           | L41-3395-39  | SMALL FIXED INDUCTOR (3.3U)     |             |
| L50      |         | *         | L41-4705-39 | SMALL FIXED INDUCTOR (47U)    |             | L608      |         | *         | L41-3995-39  | SMALL FIXED INDUCTOR (3.9U)     |             |
| L51      |         |           | L19-0324-05 | TOROIDAL COIL                 |             | L609,610  |         |           | L41-1005-39  | SMALL FIXED INDUCTOR (10U)      |             |
| L52      |         |           | L39-1255-15 | TOROIDAL COIL                 |             | L611      |         |           | L41-2795-39  | SMALL FIXED INDUCTOR (2.7U)     |             |
| L53      |         | *         | L41-1015-39 | SMALL FIXED INDUCTOR (100U)   |             | L612      |         |           | L41-3395-39  | SMALL FIXED INDUCTOR (3.3U)     |             |
| L54      |         |           | L34-4413-05 | COIL                          |             | L613      |         | *         | L34-4840-05  | COIL                            |             |
| L55      |         |           | L33-0695-05 | SMALL FIXED INDUCTOR          |             | L614      |         |           | L34-4649-05  | COIL                            |             |
| L56      |         |           | L41-2295-39 | SMALL FIXED INDUCTOR (2.2U)   |             | L615      |         | *         | L41-1015-39  | SMALL FIXED INDUCTOR (100U)     |             |
| L57      |         |           | L33-1394-05 | SMALL FIXED INDUCTOR          |             | L616,617  |         |           | L40-3301-37  | SMALL FIXED INDUCTOR (33.00U)   |             |
| L58      |         |           | L41-1085-33 | SMALL FIXED INDUCTOR (100NH)  |             | L618      |         |           | L41-1005-39  | SMALL FIXED INDUCTOR (10U)      |             |
| L59      |         |           | L33-0695-05 | SMALL FIXED INDUCTOR          |             | L700      |         | *         | L41-1885-33  | SMALL FIXED INDUCTOR (180NH)    |             |
| L60      |         |           | L39-1255-15 | TOROIDAL COIL                 |             | L701      |         |           | L33-0695-05  | SMALL FIXED INDUCTOR            |             |
| L61      |         | *         | L41-1015-39 | SMALL FIXED INDUCTOR (100U)   |             | L702      |         |           | L41-2295-39  | SMALL FIXED INDUCTOR (2.2U)     |             |
| L62      |         | *         | L34-4837-05 | COIL                          |             | L703      |         |           | L33-1394-05  | SMALL FIXED INDUCTOR            |             |
| L63      |         | *         | L34-4836-05 | COIL                          |             | L704      |         |           | L41-1085-33  | SMALL FIXED INDUCTOR (100NH)    |             |
| L64,65   |         | *         | L34-4837-05 | COIL                          |             | L705      |         |           | L33-0695-05  | SMALL FIXED INDUCTOR            |             |
| L66      |         | *         | L34-4836-05 | COIL                          |             | L706      |         |           | L33-1394-05  | SMALL FIXED INDUCTOR            |             |
| L67      |         | *         | L34-4837-05 | COIL                          |             | L707      |         |           | L40-1085-92  | SMALL FIXED INDUCTOR (100NH)    |             |
| L68      |         |           | L34-4415-05 | COIL                          |             | L709      |         | *         | L41-3395-33  | SMALL FIXED INDUCTOR (3.3UH)    |             |
| L69      |         | *         | L34-4829-05 | COIL                          |             | L710-713  |         |           | L40-3391-37  | SMALL FIXED INDUCTOR (3.300UH)  |             |
| L70      |         | *         | L41-1015-39 | SMALL FIXED INDUCTOR (100U)   |             | L714,715  |         |           | L41-1005-39  | SMALL FIXED INDUCTOR (10U)      |             |
| L71      |         |           | L34-4414-05 | COIL                          |             | L716      |         |           | L41-4705-33  | SMALL FIXED INDUCTOR (47U)      |             |
| L72      |         |           | L41-1085-33 | SMALL FIXED INDUCTOR (100NH)  |             | L717      |         |           | L92-0131-05  | CHIP FERRITE                    |             |
| L73      |         |           | L41-2285-33 | SMALL FIXED INDUCTOR (220UH)  |             | L718      |         | *         | L41-1015-39  | SMALL FIXED INDUCTOR (100U)     |             |
| L74-77   |         | *         | L41-1015-39 | SMALL FIXED INDUCTOR (100U)   |             | L800,801  |         | *         | L41-1095-32  | SMALL FIXED INDUCTOR (1UH)      | E3,E5,J     |
| L78      |         |           | L33-0695-05 | SMALL FIXED INDUCTOR          |             | L800,801  |         | *         | L41-1095-32  | SMALL FIXED INDUCTOR (1UH)      | J1,J2,J3    |
| L80      |         | *         | L41-4705-39 | SMALL FIXED INDUCTOR (47U)    |             | L800,801  |         | *         | L41-1095-32  | SMALL FIXED INDUCTOR (1UH)      | K1,K3,E1    |
| L81,82   |         | *         | L34-4817-05 | COIL                          |             | X1        |         |           | L77-1827-05  | CRYSTAL RESONATOR (10.595MHz)   |             |
| L83      |         |           | L34-4787-05 | COIL                          |             | X800      |         |           | L77-1680-05  | CRYSTAL RESONATOR (11.0592MHz)  | E3,E5,J     |
| L84-86   |         | *         | L41-2221-48 | SMALL FIXED INDUCTOR (2200UH) |             | X800      |         |           | L77-1680-05  | CRYSTAL RESONATOR (11.0592MHz)  | J1,J2,J3    |
| L87      |         | *         | L34-4840-05 | COIL                          |             | X800      |         |           | L77-1680-05  | CRYSTAL RESONATOR (11.0592MHz)  | K1,K3,E1    |
| L90      |         | *         | L41-4705-39 | SMALL FIXED INDUCTOR (47U)    |             | XF1       |         |           | L71-0562-05  | MCF (69.085M)                   |             |
| L91      |         |           | L41-1085-33 | SMALL FIXED INDUCTOR (100NH)  |             | XF2       |         |           | L71-0561-05  | MCF (75.925M)                   |             |
| L92      |         |           | L33-1394-05 | SMALL FIXED INDUCTOR          |             | XF5       |         |           | L71-0433-15  | MCF (10.695MHZ)                 |             |
| L93      |         |           | L33-0695-05 | SMALL FIXED INDUCTOR          |             | XF6       |         | *         | L71-0569-15  | CRYSTAL FILTER (10.695MHz/2.7K) |             |
| L94      |         | *         | L41-1015-39 | SMALL FIXED INDUCTOR (100U)   |             | XF9       |         | *         | L71-0570-15  | CRYSTAL FILTER (10.595MHz/6K)   |             |
| L95      |         |           | L19-0324-05 | TOROIDAL COIL                 |             | CP1-3     |         |           | RK74GB1J103J | CHIP-COM 10K J 1/16W            |             |
| L96      |         | *         | L34-4833-05 | COIL                          |             | CP6-9     |         |           | RK74GB1J103J | CHIP-COM 10K J 1/16W            |             |
| L97      |         |           | L39-1255-15 | TOROIDAL COIL                 |             | CP10,11   |         |           | RK74GB1J101J | CHIP-COM 100 J 1/16W            |             |
| L98-100  |         | *         | L34-4833-05 | COIL                          |             | CP801-804 |         |           | RK74GB1J473J | CHIP-COM 47K J 1/16W            | E3,E5,J     |
| L101     |         | *         | L41-1015-39 | SMALL FIXED INDUCTOR (100U)   |             | CP801-804 |         |           | RK74GB1J473J | CHIP-COM 47K J 1/16W            | J1,J2,J3    |
| L102     |         | *         | L34-4830-05 | COIL                          |             | CP801-804 |         |           | RK74GB1J473J | CHIP-COM 47K J 1/16W            |             |
| L103     |         | *         | L34-4825-05 | COIL                          |             | CP801-804 |         |           | RK74GB1J473J | CHIP-COM 47K J 1/16W            | K1,K3,E1    |
| L104     |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)    |             | CP805-808 |         |           | RK74GB1J103J | CHIP-COM 10K J 1/16W            | E3,E5,J     |
| L105     |         | *         | L34-4825-05 | COIL                          |             | CP805-808 |         |           | RK74GB1J103J | CHIP-COM 10K J 1/16W            | J1,J2,J3    |
| L106,107 |         | *         | L41-1015-39 | SMALL FIXED INDUCTOR (100U)   |             | CP805-808 |         |           | RK74GB1J103J | CHIP-COM 10K J 1/16W            | K1,K3,E1    |
| L108,109 |         | *         | L34-4825-05 | COIL                          |             | CP809,810 |         |           | RK74GB1J473J | CHIP-COM 47K J 1/16W            | E3,E5,J     |
| L110-113 |         | *         | L41-1015-39 | SMALL FIXED INDUCTOR (100U)   |             | CP809,810 |         |           | RK74GB1J473J | CHIP-COM 47K J 1/16W            | J1,J2,J3    |
| L115,116 |         |           | L41-1095-39 | SMALL FIXED INDUCTOR (1.0UH)  |             | CP809,810 |         |           | RK74GB1J473J | CHIP-COM 47K J 1/16W            | K1,K3,E1    |
| L117     |         |           | L40-1021-13 | SMALL FIXED INDUCTOR          |             | R1        |         |           | RK73EB2E560J | CHIP R 56 J 1/4W                |             |
| L118     |         |           | L33-1425-05 | CHOKE COIL                    |             | R2        |         |           | RK73EB2E471J | CHIP R 470 J 1/4W               |             |
| L119     |         |           | L33-0695-05 | SMALL FIXED INDUCTOR          |             | R3        |         |           | RK73EB2E181J | CHIP R 180 J 1/4W               |             |
| L121     |         |           | L41-1095-39 | SMALL FIXED INDUCTOR (1.0U)   |             | R4        |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W             |             |
| L122-125 |         | *         | L41-1015-39 | SMALL FIXED INDUCTOR (100U)   |             | R5        |         |           | RK73GB2A101J | CHIP R 100 J 1/10W              |             |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

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| Ref. No. | Address | New parts | Parts No.    | Description         | Desti-nation | Ref. No. | Address | New parts | Parts No.    | Description         | Desti-nation |
|----------|---------|-----------|--------------|---------------------|--------------|----------|---------|-----------|--------------|---------------------|--------------|
| R6,7     |         |           | RK73FB2B101J | CHIP R 100 J 1/8W   |              | R83-86   |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |              |
| R8       |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |              | R87      |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |              |
| R9       |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |              | R88,89   |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |              |
| R10      |         |           | RK73GB2A560J | CHIP R 56 J 1/10W   |              | R90      |         |           | RK73GB2A273J | CHIP R 27K J 1/10W  |              |
| R11-13   |         |           | RK73FB2B560J | CHIP R 56 J 1/8W    |              | R91      |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |              |
| R14      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W   |              | R92      |         |           | RK73GB2A823J | CHIP R 82K J 1/10W  |              |
| R15,16   |         |           | RK73FB2B560J | CHIP R 56 J 1/8W    |              | R93      |         |           | RK73GB2A100J | CHIP R 10 J 1/10W   |              |
| R17      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W   |              | R94      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              |
| R18,19   |         |           | RK73FB2B560J | CHIP R 56 J 1/8W    |              | R95      |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |              |
| R20      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W   |              | R96      |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              |
| R21,22   |         |           | RK73FB2B560J | CHIP R 56 J 1/8W    |              | R97      |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W |              |
| R23      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W   |              | R98      |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              |
| R24,25   |         |           | RK73FB2B560J | CHIP R 56 J 1/8W    |              | R99,100  |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |              |
| R26      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W   |              | R101     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |              |
| R27,28   |         |           | RK73FB2B560J | CHIP R 56 J 1/8W    |              | R102     |         |           | RK73FB2B100J | CHIP R 10 J 1/8W    |              |
| R29      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W   |              | R103     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W |              |
| R30,31   |         |           | RK73FB2B560J | CHIP R 56 J 1/8W    |              | R104     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W  |              |
| R32      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W   |              | R105     |         |           | RK73GB2A821J | CHIP R 820 J 1/10W  |              |
| R33,34   |         |           | RK73FB2B560J | CHIP R 56 J 1/8W    |              | R106,107 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |              |
| R35      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W   |              | R108     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              |
| R36,37   |         |           | RK73FB2B560J | CHIP R 56 J 1/8W    |              | R110     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |              |
| R38      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W   |              | R111     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |              |
| R39,40   |         |           | RK73FB2B560J | CHIP R 56 J 1/8W    |              | R113     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |              |
| R41      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W   |              | R114     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |              |
| R42      |         |           | RK73FB2B560J | CHIP R 56 J 1/8W    |              | R115     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              |
| R43      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W   |              | R119     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |              |
| R44,45   |         |           | RK73FB2B560J | CHIP R 56 J 1/8W    |              | R120     |         |           | RK73GB2A333J | CHIP R 33K J 1/10W  |              |
| R46      |         |           | RK73GB2A151J | CHIP R 150 J 1/10W  |              | R121     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              |
| R47      |         |           | RK73GB2A562J | CHIP R 5.6K J 1/10W |              | R122     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W  |              |
| R48      |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |              | R123     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |              |
| R49      |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |              | R124     |         |           | RK73GB2A122J | CHIP R 1.2K J 1/10W |              |
| R50,51   |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |              | R126     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              |
| R52      |         |           | RK73GB2A120J | CHIP R 12 J 1/10W   |              | R127     |         |           | RK73GB2A122J | CHIP R 1.2K J 1/10W |              |
| R53,54   |         |           | RK73GB2A100J | CHIP R 10 J 1/10W   |              | R128     |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W |              |
| R55      |         |           | RK73GB2A271J | CHIP R 270 J 1/10W  |              | R131     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              |
| R56,57   |         |           | RK73GB2A100J | CHIP R 10 J 1/10W   |              | R132     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              |
| R58      |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W |              | R133     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              |
| R59      |         |           | RK73FB2B100J | CHIP R 10 J 1/8W    |              | R135     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              |
| R60      |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |              | R137     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |              |
| R61      |         |           | RK73GB2A151J | CHIP R 150 J 1/10W  |              | R138     |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W |              |
| R62      |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |              | R139     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              |
| R63      |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |              | R141     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |              |
| R64      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              | R142     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              |
| R65      |         |           | RK73FB2B100J | CHIP R 10 J 1/8W    |              | R143     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |              |
| R66      |         |           | RK73GB2A333J | CHIP R 33K J 1/10W  |              | R144,145 |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W |              |
| R68      |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |              | R146     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              |
| R69      |         |           | RK73GB2A180J | CHIP R 18 J 1/10W   |              | R147     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |              |
| R70      |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |              | R148     |         |           | RK73GB2A821J | CHIP R 820 J 1/10W  |              |
| R71      |         |           | RK73GB2A151J | CHIP R 150 J 1/10W  |              | R149     |         |           | RK73GB2A122J | CHIP R 1.2K J 1/10W |              |
| R72      |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              | R150     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |              |
| R73      |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |              | R151     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W  |              |
| R74      |         |           | RK73GB2A100J | CHIP R 10 J 1/10W   |              | R152     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |              |
| R75      |         |           | RK73GB2A680J | CHIP R 68 J 1/10W   |              | R153     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |              |
| R76      |         |           | RK73GB2A180J | CHIP R 18 J 1/10W   |              | R154     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              |
| R77      |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W |              | R155     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |              |
| R78      |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |              | R156     |         |           | RK73GB2A333J | CHIP R 33K J 1/10W  |              |
| R79      |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |              | R157     |         |           | RK73GB2A683J | CHIP R 68K J 1/10W  |              |
| R80      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              | R158,159 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              |
| R81      |         |           | RK73GB2A560J | CHIP R 56 J 1/10W   |              | R160     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |              |
| R82      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              | R161     |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W |              |

# PARTS LIST

## TX-RX 1 UNIT (X57-605X-XX)

| Ref. No. | Address | New parts | Parts No.    | Description         | Desti-<br>nation | Ref. No. | Address | New parts | Parts No.    | Description         | Desti-<br>nation |
|----------|---------|-----------|--------------|---------------------|------------------|----------|---------|-----------|--------------|---------------------|------------------|
| R162     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |                  | R236     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |                  |
| R163     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W  |                  | R237     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |                  |
| R164     |         |           | RK73GB2A333J | CHIP R 33K J 1/10W  |                  | R240     |         |           | RK73GB2A100J | CHIP R 10 J 1/10W   |                  |
| R165     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  | R241     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |                  |
| R166     |         |           | RK73GB2A563J | CHIP R 56K J 1/10W  |                  | R242,243 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |                  |
| R167     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  | R244     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |                  |
| R168     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |                  | R245     |         |           | RK73GB2A180J | CHIP R 18 J 1/10W   |                  |
| R169     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W |                  | R246     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |                  |
| R172     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |                  | R247     |         |           | RK73FB2B100J | CHIP R 10 J 1/8W    |                  |
| R173     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |                  | R248     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W  |                  |
| R174     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |                  | R249     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |                  |
| R175     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |                  | R250     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |                  |
| R176     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W |                  | R251     |         |           | RK73GB2A333J | CHIP R 33K J 1/10W  |                  |
| R177     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |                  | R252     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W  |                  |
| R178     |         |           | RK73GB2A560J | CHIP R 56 J 1/10W   |                  | R253     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  |
| R179     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W  |                  | R254     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W  |                  |
| R180     |         |           | RK73GB2A274J | CHIP R 270K J 1/10W |                  | R255     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |                  |
| R181     |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W |                  | R256     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |                  |
| R182     |         |           | RK73GB2A333J | CHIP R 33K J 1/10W  |                  | R259,260 |         |           | RK73GB2A2R2J | CHIP R 2.2 J 1/10W  |                  |
| R183     |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W |                  | R261,262 |         |           | RK73GB2A330J | CHIP R 33 J 1/10W   |                  |
| R184     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  | R263     |         |           | RK73GB2A473J | CHIP R 47K J 1/10W  |                  |
| R185     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W |                  | R264     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |                  |
| R187     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  | R265     |         |           | RK73GB2A273J | CHIP R 27K J 1/10W  |                  |
| R188     |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W |                  | R266,267 |         |           | RK73GB2A330J | CHIP R 33 J 1/10W   |                  |
| R190     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W |                  | R268     |         |           | RK73GB2A273J | CHIP R 27K J 1/10W  |                  |
| R191     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  | R269     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  |
| R192     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W |                  | R270     |         |           | RK73GB2A273J | CHIP R 27K J 1/10W  |                  |
| R194     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  | R272-274 |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |                  |
| R196     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |                  | R275,276 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  |
| R197     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  | R277,278 |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |                  |
| R198     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W |                  | R279     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |                  |
| R200     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  | R280,281 |         |           | RK73GB2A330J | CHIP R 33 J 1/10W   |                  |
| R201     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |                  | R282,283 |         |           | RK73GB2A680J | CHIP R 68 J 1/10W   |                  |
| R202     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W |                  | R284     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |                  |
| R203,204 |         |           | RK73GB2A154J | CHIP R 150K J 1/10W |                  | R285     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |                  |
| R205     |         |           | RK73GB2A563J | CHIP R 56K J 1/10W  |                  | R286     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |                  |
| R206     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W |                  | R287,288 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  |
| R209     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W   |                  | R289     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |                  |
| R210     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  | R290     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W  |                  |
| R211,212 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |                  | R291     |         |           | RK73GB2A124J | CHIP R 120K J 1/10W |                  |
| R213     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |                  | R292     |         |           | RK73GB2A330J | CHIP R 33 J 1/10W   |                  |
| R214     |         |           | RK73GB2A122J | CHIP R 1.2K J 1/10W |                  | R293     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |                  |
| R215,216 |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W |                  | R294     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |                  |
| R217     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |                  | R295     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W |                  |
| R218     |         |           | RK73GB2A333J | CHIP R 33K J 1/10W  |                  | R296     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |                  |
| R219     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |                  | R297,298 |         |           | RK73GB2A122J | CHIP R 1.2K J 1/10W |                  |
| R220     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |                  | R299     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |                  |
| R221     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  | R300     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |                  |
| R222     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |                  | R301     |         |           | RK73GB2A561J | CHIP R 560 J 1/10W  |                  |
| R223     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W  |                  | R302     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W |                  |
| R224     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W |                  | R303     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  |
| R225     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |                  | R304     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |                  |
| R226     |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W |                  | R305     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W  |                  |
| R227     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |                  | R306     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |                  |
| R228     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |                  | R307     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |                  |
| R229     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  | R308     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |                  |
| R230-232 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  | R309     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  |
| R233     |         |           | RK73GB2A154J | CHIP R 150K J 1/10W |                  | R310     |         |           | RK73GB2A333J | CHIP R 33K J 1/10W  |                  |
| R234     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  | R311     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |                  |
| R235     |         |           | RK73GB2A124J | CHIP R 120K J 1/10W |                  | R313     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |                  |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

# PARTS LIST

## TX-RX 1 UNIT (X57-605X-XX)

| Ref. No. | Address | New parts | Parts No.    | Description         | Desti-<br>nation |
|----------|---------|-----------|--------------|---------------------|------------------|
| R315     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |                  |
| R316     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W |                  |
| R317     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  |
| R318     |         |           | RK73GB2A333J | CHIP R 33K J 1/10W  |                  |
| R319     |         |           | RK73GB2A562J | CHIP R 5.6K J 1/10W |                  |
| R320     |         |           | RK73GB2A473J | CHIP R 47K J 1/10W  |                  |
| R321     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |                  |
| R322-324 |         |           | RK73GB2A473J | CHIP R 47K J 1/10W  |                  |
| R325     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |                  |
| R326     |         |           | RK73GB2A330J | CHIP R 33 J 1/10W   |                  |
| R327     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  |
| R328     |         |           | RK73GB2A122J | CHIP R 1.2K J 1/10W |                  |
| R329     |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W |                  |
| R330     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |                  |
| R331     |         |           | RK73GB2A122J | CHIP R 1.2K J 1/10W |                  |
| R332     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |                  |
| R333     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |                  |
| R334     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  |
| R335     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |                  |
| R336     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |                  |
| R337     |         |           | RK73GB2A224J | CHIP R 220K J 1/10W |                  |
| R338     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |                  |
| R339     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  |
| R340     |         |           | RK73GB2A274J | CHIP R 270K J 1/10W |                  |
| R341,342 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |                  |
| R343     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |                  |
| R344     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |                  |
| R345     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W |                  |
| R346     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W  |                  |
| R347     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |                  |
| R348     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W |                  |
| R349     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  |
| R350     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  |
| R351     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |                  |
| R352     |         |           | RK73GB2A683J | CHIP R 68K J 1/10W  |                  |
| R355     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  |
| R356     |         |           | RK73GB2A474J | CHIP R 470K J 1/10W |                  |
| R359     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |                  |
| R361     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |                  |
| R364     |         |           | RK73GB2A473J | CHIP R 47K J 1/10W  |                  |
| R365     |         |           | RK73GB2A273J | CHIP R 27K J 1/10W  |                  |
| R366     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W  |                  |
| R367,368 |         |           | RK73GB2A477J | CHIP R 4.7 J 1/10W  |                  |
| R369     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W  |                  |
| R370     |         |           | RK73GB2A273J | CHIP R 27K J 1/10W  |                  |
| R371     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  |
| R372     |         |           | RK73GB2A473J | CHIP R 47K J 1/10W  |                  |
| R373,374 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |                  |
| R375     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  |
| R376     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |                  |
| R377     |         |           | RK73GB2A183J | CHIP R 18K J 1/10W  |                  |
| R378     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |                  |
| R379     |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W |                  |
| R380,381 |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |                  |
| R382     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |                  |
| R383     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |                  |
| R384,385 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  |
| R386     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |                  |
| R387     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |                  |
| R391     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |                  |
| R392     |         |           | RK73GB2A100J | CHIP R 10 J 1/10W   |                  |
| R397     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |                  |
| R398,399 |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |                  |
| R400     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |                  |
| R401-404 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  |
| R405-408 |         |           | RK73GB2A2R2J | CHIP R 2.2 J 1/10W  |                  |
| R409     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |                  |
| R410     |         |           | RK73GB2A334J | CHIP R 330K J 1/10W |                  |
| R410     |         |           | RK73GB2A334J | CHIP R 330K J 1/10W |                  |
| R410     |         |           | RK73GB2A334J | CHIP R 330K J 1/10W |                  |
| R410     |         |           | RK73GB2A334J | CHIP R 330K J 1/10W |                  |
| R410     |         |           | RK73GB2A334J | CHIP R 330K J 1/10W |                  |
| R411     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W |                  |
| R412     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |                  |
| R413     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |                  |
| R414     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W  |                  |
| R415,416 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  |
| R417     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |                  |
| R418,419 |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |                  |
| R420     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  |
| R421     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  |
| R422     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |                  |
| R423     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W  |                  |
| R424     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |                  |
| R425     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W |                  |
| R426     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |                  |
| R427     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W |                  |
| R428     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W |                  |
| R429     |         |           | RK73GB2A100J | CHIP R 10 J 1/10W   |                  |
| R430     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |                  |
| R431     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |                  |
| R432     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |                  |
| R433-435 |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |                  |
| R438,439 |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |                  |
| R440     |         |           | RK73GB2A224J | CHIP R 220K J 1/10W |                  |
| R442     |         |           | RK73GB2A273J | CHIP R 27K J 1/10W  |                  |
| R443     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |                  |
| R444     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |                  |
| R445     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  |
| R446-448 |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |                  |
| R449     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W  |                  |
| R450     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  |
| R451     |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W |                  |
| R452,453 |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |                  |
| R454,455 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |                  |
| R460-475 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |                  |
| R476     |         |           | RK73GB2A563J | CHIP R 56K J 1/10W  |                  |
| R477     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |                  |
| R478     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |                  |
| R479     |         |           | RK73GB2A473J | CHIP R 47K J 1/10W  |                  |
| R480     |         |           | RK73GB2A563J | CHIP R 56K J 1/10W  |                  |
| R481     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |                  |
| R482     |         |           | RK73GB2A334J | CHIP R 330K J 1/10W |                  |
| R483     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |                  |
| R484     |         |           | RK73GB2A474J | CHIP R 470K J 1/10W |                  |
| R485     |         |           | RK73GB2A124J | CHIP R 120K J 1/10W |                  |
| R485     |         |           | RK73GB2A124J | CHIP R 120K J 1/10W |                  |
| R485     |         |           | RK73GB2A124J | CHIP R 120K J 1/10W |                  |
| R485     |         |           | RK73GB2A124J | CHIP R 120K J 1/10W |                  |
| R485     |         |           | RK73GB2A394J | CHIP R 390K J 1/10W |                  |
| R486     |         |           | RK73GB2A224J | CHIP R 220K J 1/10W |                  |

# PARTS LIST

## TX-RX 1 UNIT (X57-605X-XX)

| Ref. No. | Address | New parts | Parts No.    | Description         | Desti-nation | Ref. No. | Address | New parts | Parts No.    | Description         | Desti-nation |
|----------|---------|-----------|--------------|---------------------|--------------|----------|---------|-----------|--------------|---------------------|--------------|
| R487     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |              | R727     |         |           | RK73GB2A121J | CHIP R 120 J 1/10W  |              |
| R488     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              | R728     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |              |
| R489     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |              | R729     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W  |              |
| R491,492 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |              | R731     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |              |
| R493-496 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              | R732     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              |
| R497-499 |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |              | R733     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |              |
| R500-502 |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |              | R734     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              |
| R503,504 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              | R735     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |              |
| R505     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W  |              | R736     |         |           | RK73GB2A473J | CHIP R 47K J 1/10W  |              |
| R506,507 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              | R737     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |              |
| R508     |         |           | RK73GB2A123J | CHIP R 12K J 1/10W  |              | R738     |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W |              |
| R509     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              | R739,740 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              |
| R601     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              | R741     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W  |              |
| R602     |         |           | RK73GB2A823J | CHIP R 82K J 1/10W  |              | R742     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |              |
| R603     |         |           | RK73GB2A561J | CHIP R 560 J 1/10W  |              | R743,744 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              |
| R604     |         |           | RK73GB2A392J | CHIP R 3.9K J 1/10W |              | R745     |         |           | RK73FB2B100J | CHIP R 10 J 1/8W    |              |
| R605     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |              | R746     |         |           | RK73GB2A333J | CHIP R 33K J 1/10W  |              |
| R607     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W |              | R747     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              |
| R608     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W  |              | R748     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |              |
| R609     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W  |              | R749     |         |           | RK73GB2A180J | CHIP R 18 J 1/10W   |              |
| R610     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W  |              | R750     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |              |
| R611     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              | R751     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W  |              |
| R612     |         |           | RK73GB2A823J | CHIP R 82K J 1/10W  |              | R752     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |              |
| R613     |         |           | RK73GB2A561J | CHIP R 560 J 1/10W  |              | R753     |         |           | RK73GB2A564J | CHIP R 560K J 1/10W |              |
| R614     |         |           | RK73GB2A392J | CHIP R 3.9K J 1/10W |              | R754     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |              |
| R615     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |              | R755     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              |
| R616     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              | R756     |         |           | RK73GB2A393J | CHIP R 39K J 1/10W  |              |
| R617     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W |              | R757     |         |           | RK73GB2A333J | CHIP R 33K J 1/10W  |              |
| R618     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W  |              | R758     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              |
| R619     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W  |              | R759     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  |              |
| R621     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              | R760     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |              |
| R622     |         |           | RK73GB2A823J | CHIP R 82K J 1/10W  |              | R761     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              |
| R623     |         |           | RK73GB2A561J | CHIP R 560 J 1/10W  |              | R762     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |              |
| R624     |         |           | RK73GB2A392J | CHIP R 3.9K J 1/10W |              | R763     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              |
| R625     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |              | R764     |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W |              |
| R626     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              | R765     |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W |              |
| R627     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W |              | R766     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W  |              |
| R628     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W  |              | R767     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W  | J1,J3        |
| R629     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W  |              | R767     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  | E1,E2,E3     |
| R630     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W  |              | R767     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  | E4,E5,J      |
| R631     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              | R767     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  | J2           |
| R632-639 |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  |              | R767     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  | K1,K2,K3     |
| R640     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |              | R768     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |              |
| R641     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              | R769     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W  |              |
| R642     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W |              | R770     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |              |
| R643,644 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |              | R771     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |              |
| R700     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              | R772     |         |           | RK73GB2A684J | CHIP R 680K J 1/10W |              |
| R701     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              | R773     |         |           | RK73GB2A391J | CHIP R 390 J 1/10W  |              |
| R702,703 |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |              | R774     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              |
| R704     |         |           | RK73GB2A473J | CHIP R 47K J 1/10W  |              | R775     |         |           | RK73GB2A392J | CHIP R 3.9K J 1/10W |              |
| R707-710 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W |              | R776     |         |           | RK73GB2A562J | CHIP R 5.6K J 1/10W |              |
| R711     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  |              | R777     |         |           | RK73GB2A473J | CHIP R 47K J 1/10W  |              |
| R712,713 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              | R778     |         |           | RK73GB2A184J | CHIP R 180K J 1/10W |              |
| R714,715 |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |              | R779     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |              |
| R717,718 |         |           | RK73GB2A104J | CHIP R 100K J 1/10W |              | R780     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              |
| R719     |         |           | RK73GB2A393J | CHIP R 39K J 1/10W  |              | R781     |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W |              |
| R720     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W |              | R782     |         |           | RK73GB2A124J | CHIP R 120K J 1/10W |              |
| R721     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  |              | R783     |         |           | RK73GB2A122J | CHIP R 1.2K J 1/10W |              |
| R722     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  |              | R784     |         |           | RK73GB2A333J | CHIP R 33K J 1/10W  |              |
| R725     |         |           | RK73GB2A562J | CHIP R 5.6K J 1/10W |              | R785,786 |         |           | RK73GB2A2R2J | CHIP R 2.2 J 1/10W  |              |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

| Ref. No. | Address      | New parts              | Parts No.    | Description |       |          |       | Destination |
|----------|--------------|------------------------|--------------|-------------|-------|----------|-------|-------------|
| R872     |              |                        | RK73GB2A103J | CHIP R      | 10K   | J        | 1/10W | E3,E5,J     |
| R872     |              |                        | RK73GB2A103J | CHIP R      | 10K   | J        | 1/10W | J1,J2,J3    |
| R872     |              |                        | RK73GB2A103J | CHIP R      | 10K   | J        | 1/10W | K1,K3,E1    |
| R873     |              |                        | RK73GB2A101J | CHIP R      | 100   | J        | 1/10W | E3,E5,J     |
| R873     |              |                        | RK73GB2A101J | CHIP R      | 100   | J        | 1/10W | J1,J2,J3    |
| R873     |              |                        | RK73GB2A101J | CHIP R      | 100   | J        | 1/10W | K1,K3,E1    |
| R874     |              |                        | RK73GB2A103J | CHIP R      | 10K   | J        | 1/10W | E3,E5,J     |
| R874     |              |                        | RK73GB2A103J | CHIP R      | 10K   | J        | 1/10W | J1,J2,J3    |
| R874     |              |                        | RK73GB2A103J | CHIP R      | 10K   | J        | 1/10W | K1,K3,E1    |
| R875     |              |                        | RK73GB2A101J | CHIP R      | 100   | J        | 1/10W | E3,E5,J     |
| R875     |              |                        | RK73GB2A101J | CHIP R      | 100   | J        | 1/10W | J1,J2,J3    |
| R875     |              |                        | RK73GB2A101J | CHIP R      | 100   | J        | 1/10W | K1,K3,E1    |
| R876     |              |                        | RK73GB2A103J | CHIP R      | 10K   | J        | 1/10W | E3,E5,J     |
| R876     |              |                        | RK73GB2A103J | CHIP R      | 10K   | J        | 1/10W | J1,J2,J3    |
| R876     |              |                        | RK73GB2A103J | CHIP R      | 10K   | J        | 1/10W | K1,K3,E1    |
| R877     |              |                        | RK73GB2A101J | CHIP R      | 100   | J        | 1/10W | E3,E5,J     |
| R877     |              |                        | RK73GB2A101J | CHIP R      | 100   | J        | 1/10W | J1,J2,J3    |
| R877     |              |                        | RK73GB2A101J | CHIP R      | 100   | J        | 1/10W | K1,K3,E1    |
| R878     |              |                        | RK73GB2A103J | CHIP R      | 10K   | J        | 1/10W | E3,E5,J     |
| R878     |              |                        | RK73GB2A103J | CHIP R      | 10K   | J        | 1/10W | J1,J2,J3    |
| R878     |              |                        | RK73GB2A103J | CHIP R      | 10K   | J        | 1/10W | K1,K3,E1    |
| R879-881 |              |                        | RK73GB2A101J | CHIP R      | 100   | J        | 1/10W | E3,E5,J     |
| R879-881 |              |                        | RK73GB2A101J | CHIP R      | 100   | J        | 1/10W | J1,J2,J3    |
| R879-881 |              |                        | RK73GB2A101J | CHIP R      | 100   | J        | 1/10W | K1,K3,E1    |
| R884,885 |              |                        | RK73GB2A103J | CHIP R      | 10K   | J        | 1/10W | E3,E5,J     |
| R884,885 |              |                        | RK73GB2A103J | CHIP R      | 10K   | J        | 1/10W | J1,J2,J3    |
| R884,885 |              |                        | RK73GB2A103J | CHIP R      | 10K   | J        | 1/10W | K1,K3,E1    |
| R886     |              |                        | RK73GB2A473J | CHIP R      | 47K   | J        | 1/10W | E3,E5,J     |
| R886     |              |                        | RK73GB2A473J | CHIP R      | 47K   | J        | 1/10W | J1,J2,J3    |
| R886     |              |                        | RK73GB2A473J | CHIP R      | 47K   | J        | 1/10W | K1,K3,E1    |
| R887-898 |              |                        | RK73GB2A101J | CHIP R      | 100   | J        | 1/10W | E3,E5,J     |
| R887-898 |              |                        | RK73GB2A101J | CHIP R      | 100   | J        | 1/10W | J1,J2,J3    |
| R887-898 |              |                        | RK73GB2A101J | CHIP R      | 100   | J        | 1/10W | K1,K3,E1    |
| R899     |              |                        | RK73FB2B680J | CHIP R      | 68    | J        | 1/8W  | E3,E5,J     |
| R899     |              |                        | RK73FB2B680J | CHIP R      | 68    | J        | 1/8W  | J1,J2,J3    |
| R899     |              |                        | RK73FB2B680J | CHIP R      | 68    | J        | 1/8W  | K1,K3,E1    |
| R950,951 |              |                        | R92-1205-05  | CHIP R      | 120   | J        | 1/4W  | E3,E5,J     |
| R950,951 |              |                        | R92-1205-05  | CHIP R      | 120   | J        | 1/4W  | J1,J2,J3    |
| R950,951 |              |                        | R92-1205-05  | CHIP R      | 120   | J        | 1/4W  | K1,K3,E1    |
| R952-955 |              |                        | RK73FB2B470J | CHIP R      | 47    | J        | 1/8W  |             |
| R956-960 |              |                        | RK73FB2B681J | CHIP R      | 680   | J        | 1/8W  | E3,E5,J     |
| R956-960 |              |                        | RK73FB2B681J | CHIP R      | 680   | J        | 1/8W  | J1,J2,J3    |
| R956-960 |              |                        | RK73FB2B681J | CHIP R      | 680   | J        | 1/8W  | K1,K3,E1    |
| R962     |              |                        | RK73GB2A473J | CHIP R      | 47K   | J        | 1/10W | E3,E5,J     |
| R962     |              |                        | RK73GB2A473J | CHIP R      | 47K   | J        | 1/10W | J1,J2,J3    |
| R962     |              |                        | RK73GB2A473J | CHIP R      | 47K   | J        | 1/10W | K1,K3,E1    |
| R964     |              |                        | RK73GB2A473J | CHIP R      | 47K   | J        | 1/10W | E3,E5,J     |
| R964     |              |                        | RK73GB2A473J | CHIP R      | 47K   | J        | 1/10W | J1,J2,J3    |
| R964     |              |                        | RK73GB2A473J | CHIP R      | 47K   | J        | 1/10W | K1,K3,E1    |
| R970,971 |              |                        | R92-1205-05  | CHIP R      | 120   | J        | 1/4W  | K2,E2,E4    |
| R972     | RK73FB2B151J | CHIP R                 | 150          | J           | 1/8W  | K2,E2,E4 |       |             |
| R973     | RK73GB2A473J | CHIP R                 | 47K          | J           | 1/10W | K2,E2,E4 |       |             |
| R974     | RK73GB2A474J | CHIP R                 | 470K         | J           | 1/10W | K2,E2,E4 |       |             |
| VR1      | R32-0752-05  | TRIMMING POT. (4.7K/8) |              |             |       |          |       |             |
| VR2      | R32-0767-05  | TRIMMING POT. (1.0K/8) |              |             |       |          |       |             |
| VR3      | R32-0758-05  | TRIMMING POT. (47K/8)  |              |             |       |          |       |             |
| VR4      | R32-0752-05  | TRIMMING POT. (4.7K/8) |              |             |       |          |       |             |
| VR950    | R31-0633-05  | VARIABLE RESISTOR      |              |             |       |          |       |             |
| VR950    | R31-0633-05  | VARIABLE RESISTOR      |              |             |       |          |       |             |
| VR950    | R31-0633-05  | VARIABLE RESISTOR      |              |             |       |          |       |             |

# PARTS LIST

TX-RX 1 UNIT (X57-605X-XX)

| Ref. No. | Address | New parts | Parts No.   | Description       | Destination | Ref. No. | Address | New parts | Parts No.     | Description                | Destination |
|----------|---------|-----------|-------------|-------------------|-------------|----------|---------|-----------|---------------|----------------------------|-------------|
| VR951    |         |           | R31-0637-05 | VARIABLE RESISTOR | E3,E5,J     | D67-69   |         |           | MA2S111-F     | DIODE                      |             |
| VR951    |         |           | R31-0637-05 | VARIABLE RESISTOR | J1,J2,J3    | D70,71   |         |           | DAP202U       | DIODE                      |             |
| VR951    |         |           | R31-0637-05 | VARIABLE RESISTOR | K1,K3,E1    | D73      |         |           | MA2S111-F     | DIODE                      |             |
| VR952    |         |           | R31-0634-05 | VARIABLE RESISTOR | E3,E5,J     | D75      |         |           | LFB01         | DIODE                      |             |
| VR952    |         |           | R31-0634-05 | VARIABLE RESISTOR | J1,J2,J3    | D76-79   |         |           | HVC350B       | VARIABLE CAPACITANCE DIODE |             |
| VR952    |         |           | R31-0634-05 | VARIABLE RESISTOR | K1,K3,E1    | D80      |         |           | DAN235E       | DIODE                      |             |
| K1,2     |         |           | S51-1428-05 | RELAY             |             | D81      |         |           | HSC277        | DIODE                      |             |
| K3       |         |           | S51-1420-05 | RELAY             |             | D82      |         |           | RN739D        | DIODE                      |             |
| S1       |         |           | S62-0412-05 | SLIDE SWITCH      | E1,E2,E3    | D83      |         |           | DAN202U       | DIODE                      |             |
| S1       |         |           | S62-0412-05 | SLIDE SWITCH      | E4,E5       | D84      |         |           | RN739D        | DIODE                      |             |
| S1       |         |           | S62-0412-05 | SLIDE SWITCH      | K1,K2,K3    | D85      |         |           | MA2S111-F     | DIODE                      |             |
| S800-842 |         | *         | S70-0475-15 | TACT SWITCH       | E3,E5,J     | D87-89   |         |           | MA2S111-F     | DIODE                      |             |
| S800-842 |         | *         | S70-0475-15 | TACT SWITCH       | J1,J2,J3    | D90      |         |           | DAN235E       | DIODE                      |             |
| S800-842 |         | *         | S70-0475-15 | TACT SWITCH       | K1,K3,E1    | D91      |         |           | HVC350B       | VARIABLE CAPACITANCE DIODE |             |
| S950     |         |           | S70-0461-05 | TACT SWITCH       | K2,E2,E4    | D92-95   |         |           | DAN202U       | DIODE                      |             |
| S951     |         | *         | S70-0475-15 | TACT SWITCH       | K2,E2,E4    | D96      |         |           | UDZS6.2B      | ZENER DIODE                |             |
| D1       |         |           | LFB01       | DIODE             |             | D97      |         | *         | 1SS226-F      | DIODE                      |             |
| D2       |         |           | DSP-301N    | SURGE ABSORBER    |             | D98      |         |           | LFB01         | DIODE                      |             |
| D3       |         |           | LFB01       | DIODE             |             | D99      |         |           | DAN202U       | DIODE                      |             |
| D4       |         |           | RLS245      | DIODE             |             | D100     |         |           | 02DZ5.1F-Y    | ZENER DIODE                |             |
| D5       |         |           | V08(G)      | DIODE             |             | D101     |         | *         | MINISMD05002F | VARISTOR                   |             |
| D6       |         |           | RLS245      | DIODE             |             | D102     |         |           | UDZS10B       | ZENER DIODE                |             |
| D7,8     |         |           | RN731V      | DIODE             |             | D103,104 |         |           | DAP202U       | DIODE                      |             |
| D9       |         |           | V08(G)      | DIODE             |             | D106     |         |           | MA2S111-F     | DIODE                      |             |
| D10      |         |           | LFB01       | DIODE             |             | D107     |         |           | UDZS10B       | ZENER DIODE                |             |
| D11,12   |         |           | RN731V      | DIODE             |             | D108     |         | *         | MA8033L       | ZENER DIODE                |             |
| D13      |         |           | LFB01       | DIODE             |             | D109,110 |         |           | DAP202U       | DIODE                      |             |
| D14      |         |           | RN731V      | DIODE             |             | D111     |         |           | MA2S111-F     | DIODE                      |             |
| D15      |         |           | LFB01       | DIODE             |             | D112-114 |         |           | 02DZ5.1F-Y    | ZENER DIODE                |             |
| D16      |         |           | RN731V      | DIODE             |             | D115,116 |         |           | RB751V-40     | DIODE                      |             |
| D17      |         |           | LFB01       | DIODE             |             | D117,118 |         |           | MA2S111-F     | DIODE                      |             |
| D18      |         |           | RN731V      | DIODE             |             | D119-124 |         | *         | RB751V-40     | DIODE                      |             |
| D19      |         |           | LFB01       | DIODE             |             | D130     |         |           | L204BBB       | DIODE                      |             |
| D20      |         |           | RN731V      | DIODE             |             | D700     |         |           | 1SS355        | DIODE                      |             |
| D21      |         |           | LFB01       | DIODE             |             | D701,702 |         |           | DAN202U       | DIODE                      |             |
| D22      |         |           | RN731V      | DIODE             |             | D703     |         |           | HVC350B       | VARIABLE CAPACITANCE DIODE |             |
| D23      |         |           | LFB01       | DIODE             |             | D704,705 |         |           | LFB01         | DIODE                      |             |
| D24      |         |           | RN731V      | DIODE             |             | D706     |         |           | DAN202U       | DIODE                      |             |
| D25,26   |         |           | LFB01       | DIODE             |             | D707     |         |           | MA3J742       | DIODE                      |             |
| D27      |         |           | RN731V      | DIODE             |             | D708     |         |           | MA2S111-F     | DIODE                      |             |
| D28      |         |           | LFB01       | DIODE             |             | D709     |         |           | UDZS3.9B      | ZENER DIODE                |             |
| D29      |         |           | RN731V      | DIODE             |             | D711     |         |           | MA2S111-F     | DIODE                      |             |
| D30      |         |           | LFB01       | DIODE             |             | D712,713 |         |           | DA221         | DIODE                      |             |
| D31      |         |           | RN731V      | DIODE             |             | D714     |         |           | MA2S077-F     | DIODE                      |             |
| D32      |         |           | LFB01       | DIODE             |             | D715     |         |           | HVC350B       | VARIABLE CAPACITANCE DIODE |             |
| D33      |         |           | RN731V      | DIODE             |             | D716     |         |           | MA2S111-F     | DIODE                      |             |
| D34-36   |         |           | LFB01       | DIODE             |             | D717     |         |           | DAP202U       | DIODE                      |             |
| D38,39   |         |           | LFB01       | DIODE             |             | D719,720 |         |           | 02DZ5.1F-Y    | ZENER DIODE                |             |
| D40-42   |         |           | DAN235E     | DIODE             |             | D721     |         |           | MA2J729       | DIODE                      |             |
| D45,46   |         |           | DAN235E     | DIODE             |             | D805-809 |         |           | 1SS355        | DIODE                      | E3,E5,J     |
| D47      |         |           | HSC277      | DIODE             |             | D805-809 |         |           | 1SS355        | DIODE                      | J1,J2,J3    |
| D48      |         |           | DAN202U     | DIODE             |             | D805-809 |         |           | 1SS355        | DIODE                      | K1,K3,E1    |
| D49,50   |         |           | HSC277      | DIODE             |             | D950-952 |         |           | 1SS355        | DIODE                      |             |
| D52,53   |         |           | HSC277      | DIODE             |             | D959     |         |           | 1SS355        | DIODE                      | K2,E2,E4    |
| D55-58   |         |           | HSC277      | DIODE             |             | D960     |         |           | UDZS6.2B      | ZENER DIODE                | K2,E2,E4    |
| D60-62   |         |           | HSC277      | DIODE             |             | IC1      |         |           | TA31136FNG    | IC (FM IF)                 |             |
| D64      |         |           | HSC277      | DIODE             |             | IC2      |         |           | NJM2904M-ZB   | IC (OP AMP)                |             |
| D65      |         |           | DAN202U     | DIODE             |             | IC3      |         |           | TC74HC4053AFT | IC (MIXER)                 |             |
| D66      |         |           | RB706F-40   | DIODE             |             | IC4      |         |           | NJM2904M-ZB   | IC (OP AMP)                |             |
|          |         |           |             |                   |             | IC5      |         |           | BU2099FV      | IC (EXTENDED I/O)          |             |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

# PARTS LIST

## TX-RX 1 UNIT (X57-605X-XX)

| Ref. No.  | Address | New parts | Parts No.      | Description           | Desti-nation | Ref. No. | Address | New parts | Parts No.    | Description        | Desti-nation |
|-----------|---------|-----------|----------------|-----------------------|--------------|----------|---------|-----------|--------------|--------------------|--------------|
| IC6       |         |           | TA4101F-F      | IC (MIXER)            |              | Q48      |         |           | 2SC4617(R)   | TRANSISTOR         |              |
| IC7       |         | *         | TC4W53FU-F     | IC (MULTIPLEXER)      |              | Q49      |         | *         | 3SK131-A(M)  | FET                |              |
| IC8       |         |           | BU4066BCFV     | IC (ANALOG SWITCH)    |              | Q51      |         |           | UMC2N        | TRANSISTOR         |              |
| IC9       |         |           | LA4446         | IC (AF PA)            |              | Q52      |         |           | 2SC4617(R)   | TRANSISTOR         |              |
| IC10      |         | *         | ADM202EARUZ    | IC (LEVEL CONVERTER)  |              | Q53      |         |           | UMC2N        | TRANSISTOR         |              |
| IC11      |         |           | TC74HC4050AFT  | IC (BUFFER AMPLIFIER) |              | Q54      |         |           | 2SC4617(R)   | TRANSISTOR         |              |
| IC12      |         | *         | NJM2902M-ZB    | IC (OP AMP)           |              | Q57      |         |           | DTA114EKA    | DIGITAL TRANSISTOR |              |
| IC13      |         |           | NJM2904M-ZB    | IC (OP AMP)           |              | Q58      |         | *         | UMW1N        | TRANSISTOR         |              |
| IC14      |         |           | M62363FPDFOJ   | IC (DAC)              |              | Q59      |         |           | 2SC4617(R)   | TRANSISTOR         |              |
| IC15      |         |           | M62364FP-F     | IC (DAC)              |              | Q60      |         |           | DTC114EKA    | DIGITAL TRANSISTOR |              |
| IC16,17   |         |           | BU2099FV       | IC (EXTENDED I/O)     |              | Q61,62   |         |           | 2SC4617(R)   | TRANSISTOR         |              |
| IC18      |         | *         | NJM5532M-ZB    | IC (OP AMP)           |              | Q63      |         | *         | UMW1N        | TRANSISTOR         |              |
| IC19      |         |           | NJM2904M-ZB    | IC (OP AMP)           |              | Q64      |         |           | 2SA1037AK    | TRANSISTOR         |              |
| IC601-603 |         |           | AD9835BRUZ     | IC (DDS)              |              | Q65      |         |           | 2SB1188(Q,R) | TRANSISTOR         |              |
| IC604     |         | *         | TC7S04FU-F     | IC (INVERTER)         |              | Q66,67   |         |           | DTC114EKA    | DIGITAL TRANSISTOR |              |
| IC605     |         | *         | NJM78L08UA-ZB  | IC (AVR)              |              | Q69      |         |           | 2SC4617(R)   | TRANSISTOR         |              |
| IC801     |         | *         | 30622M8A4C6GPU | IC (CPU)              | E3,E5,J      | Q70      |         |           | 2SB1132(Q,R) | TRANSISTOR         |              |
| IC801     |         | *         | 30622M8A4C6GPU | IC (CPU)              | J1,J2,J3     | Q71,72   |         | *         | FMG1A        | DIGITAL TRANSISTOR |              |
| IC801     |         | *         | 30622M8A4C6GPU | IC (CPU)              | K1,K3,E1     | Q73,74   |         |           | 2SC4617(Q)   | TRANSISTOR         |              |
| Q1        |         |           | DTC114EKA      | DIGITAL TRANSISTOR    |              | Q75      |         |           | DTC114EKA    | DIGITAL TRANSISTOR |              |
| Q2        |         |           | 2SB1188(Q,R)   | TRANSISTOR            |              | Q76,77   |         |           | 2SC4617(Q)   | TRANSISTOR         |              |
| Q3        |         |           | DTC114EKA      | DIGITAL TRANSISTOR    |              | Q78      |         | *         | 2SK208-F(Y)  | FET                |              |
| Q4,5      |         |           | DTA124EKA      | DIGITAL TRANSISTOR    |              | Q79      |         |           | 2SC4617(Q)   | TRANSISTOR         |              |
| Q6        |         |           | DTA114EKA      | DIGITAL TRANSISTOR    |              | Q80      |         |           | 2SB1188(Q,R) | TRANSISTOR         |              |
| Q7-10     |         |           | 2SK520(K44)    | FET                   | J,J1,J2      | Q81      |         | *         | FMG1A        | DIGITAL TRANSISTOR |              |
| Q7-10     |         |           | 2SK520(K44)    | FET                   | J3           | Q82,83   |         |           | 2SB1188(Q,R) | TRANSISTOR         |              |
| Q7-10     |         | *         | 2SK520-A(K44)  | FET                   | K1,K2,K3     | Q84      |         | *         | FMG1A        | DIGITAL TRANSISTOR |              |
| Q7-10     |         | *         | 2SK520-A(K44)  | FET                   | E1,E2,E3     | Q85,86   |         |           | 2SB1188(Q,R) | TRANSISTOR         |              |
| Q11       |         |           | DTA124EKA      | DIGITAL TRANSISTOR    | E4,E5        | Q87      |         | *         | FMG1A        | DIGITAL TRANSISTOR |              |
| Q12       |         |           | 2SK2596        | FET                   |              | Q88,89   |         |           | 2SB1188(Q,R) | TRANSISTOR         |              |
| Q13       |         |           | 2SC3357-A      | TRANSISTOR            |              | Q90      |         | *         | FMG1A        | DIGITAL TRANSISTOR |              |
| Q14       |         |           | 2SB1132(Q,R)   | TRANSISTOR            |              | Q91      |         |           | 2SB1188(Q,R) | TRANSISTOR         |              |
| Q15       |         | *         | FMG1A          | DIGITAL TRANSISTOR    |              | Q92      |         | *         | FMG1A        | DIGITAL TRANSISTOR |              |
| Q16,17    |         |           | DTA124EKA      | DIGITAL TRANSISTOR    |              | Q93-95   |         |           | 2SC4617(R)   | TRANSISTOR         |              |
| Q18       |         | *         | 3SK131-A(M)    | FET                   |              | Q96      |         | *         | FMG1A        | DIGITAL TRANSISTOR |              |
| Q19,20    |         |           | 2SK520(K43)    | FET                   | J,J1,J2      | Q97      |         |           | 2SC5566-E    | TRANSISTOR         |              |
| Q19,20    |         |           | 2SK520(K43)    | FET                   | J3           | Q101-112 |         |           | DTA114EKA    | DIGITAL TRANSISTOR |              |
| Q19,20    |         |           | 2SK520(K43)    | FET                   | K1,K2,K3     | Q601-606 |         |           | 2SC4617(R)   | TRANSISTOR         |              |
| Q19,20    |         | *         | 2SK520-A(K43)  | FET                   | E1,E2,E3     | Q607,608 |         |           | DTC114EKA    | DIGITAL TRANSISTOR |              |
| Q19,20    |         |           |                |                       |              | Q609     |         |           | DTC124EKA    | DIGITAL TRANSISTOR |              |
| Q19,20    |         | *         | 2SK520-A(K43)  | FET                   | E4,E5        | Q700,701 |         | *         | 3SK131-A(M)  | FET                |              |
| Q21       |         | *         | FMG1A          | DIGITAL TRANSISTOR    |              | Q702,703 |         |           | DTC114EKA    | DIGITAL TRANSISTOR |              |
| Q22       |         |           | 2SC4617(R)     | TRANSISTOR            |              | Q704     |         |           | DTC124EKA    | DIGITAL TRANSISTOR |              |
| Q25       |         | *         | 3SK131-A(M)    | FET                   |              | Q705     |         |           | 2SK2596      | FET                |              |
| Q26       |         | *         | UMW1N          | TRANSISTOR            |              | Q706     |         |           | 2SB1132(Q,R) | TRANSISTOR         |              |
| Q27       |         |           | 2SC4617(R)     | TRANSISTOR            |              | Q707,708 |         | *         | FMG1A        | DIGITAL TRANSISTOR |              |
| Q28       |         |           | 2SC4617(Q)     | TRANSISTOR            |              | Q709     |         |           | 2SC4617(Q)   | TRANSISTOR         |              |
| Q29       |         |           | 2SC4617(R)     | TRANSISTOR            |              | Q710     |         |           | 2SC4617(S)   | TRANSISTOR         |              |
| Q30       |         |           | 2SC4617(Q)     | TRANSISTOR            |              | Q711     |         |           | 2SC4617(R)   | TRANSISTOR         |              |
| Q31       |         |           | DTA114EKA      | DIGITAL TRANSISTOR    |              | Q712     |         |           | DTC124EKA    | DIGITAL TRANSISTOR |              |
| Q32       |         |           | 2SC4617(R)     | TRANSISTOR            |              | Q713     |         |           | DTA114EKA    | DIGITAL TRANSISTOR |              |
| Q33       |         | *         | FMG1A          | DIGITAL TRANSISTOR    |              | Q714     |         |           | DTC124EKA    | DIGITAL TRANSISTOR |              |
| Q34       |         |           | DTA124EKA      | DIGITAL TRANSISTOR    |              | Q715     |         |           | 2SC4617(R)   | TRANSISTOR         |              |
| Q37       |         |           | UMC2N          | TRANSISTOR            |              | Q800     |         |           | DTC114EE     | DIGITAL TRANSISTOR | E3,E5,J      |
| Q38       |         | *         | 3SK131-A(M)    | FET                   |              | Q800     |         |           | DTC114EE     | DIGITAL TRANSISTOR | J1,J2,J3     |
| Q40       |         |           | DTC114EKA      | DIGITAL TRANSISTOR    |              | Q800     |         |           | DTC114EE     | DIGITAL TRANSISTOR | K1,K3,E1     |
| Q41,42    |         |           | 2SC4617(R)     | TRANSISTOR            |              | Q801     |         |           | 2SA1641(S,T) | TRANSISTOR         | E3,E5,J      |
| Q43       |         |           | 2SK2596        | FET                   |              | Q801     |         |           | 2SA1641(S,T) | TRANSISTOR         | J1,J2,J3     |
| Q44,45    |         |           | 3SK293-F       | FET                   |              | Q801     |         |           | 2SA1641(S,T) | TRANSISTOR         | K1,K3,E1     |
| Q46,47    |         | *         | 3SK131-A(M)    | FET                   |              | Q802     |         |           | DTC114EE     | DIGITAL TRANSISTOR | E3,E5,J      |

# PARTS LIST

TX-RX 1 UNIT (X57-605X-XX)

TX-RX 2 UNIT (X57-606X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description        | Desti-nation | Ref. No.                                            | Address | New parts | Parts No.     | Description | Desti-nation |
|----------|---------|-----------|---------------|--------------------|--------------|-----------------------------------------------------|---------|-----------|---------------|-------------|--------------|
| Q802     |         |           | DTC114EE      | DIGITAL TRANSISTOR | J1,J2,J3     | <b>TX-RX 2 UNIT (X57-606X-XX) 0-00 : J,J1,J2,J3</b> |         |           |               |             |              |
| Q802     |         |           | DTC114EE      | DIGITAL TRANSISTOR | K1,K3,E1     | <b>0-11 : K1,K2,K3 2-71 : E1,E2,E3,E4,E5</b>        |         |           |               |             |              |
| Q803     |         |           | 2SC2712-F(Y)  | TRANSISTOR         | E3,E5,J      | C1                                                  |         |           | CC73GCH1H120J | CHIP C      | 12PF J       |
| Q803     |         |           | 2SC2712-F(Y)  | TRANSISTOR         | J1,J2,J3     | C2                                                  |         |           | CC73GCH1H0R5B | CHIP C      | 0.5PF B      |
| Q803     |         |           | 2SC2712-F(Y)  | TRANSISTOR         | K1,K3,E1     | C3                                                  |         |           | CC73GCH1H050B | CHIP C      | 5.0PF B      |
| Q804     |         |           | DTC114EE      | DIGITAL TRANSISTOR | E3,E5,J      | C4                                                  |         |           | CC73GCH1H070B | CHIP C      | 7.0PF B      |
| Q804     |         |           | DTC114EE      | DIGITAL TRANSISTOR | J1,J2,J3     | C5                                                  |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| Q804     |         |           | DTC114EE      | DIGITAL TRANSISTOR | K1,K3,E1     | C6                                                  |         |           | CC73GCH1H120J | CHIP C      | 12PF J       |
| Q805     |         |           | 2SA1162-F(Y)  | TRANSISTOR         | E3,E5,J      | C8                                                  |         |           | CC73GCH1H120J | CHIP C      | 12PF J       |
| Q805     |         |           | 2SA1162-F(Y)  | TRANSISTOR         | J1,J2,J3     | C8                                                  |         |           | CC73GCH1H120J | CHIP C      | 12PF J       |
| Q805     |         |           | 2SA1162-F(Y)  | TRANSISTOR         | K1,K3,E1     | C8                                                  |         |           | CC73GCH1H120J | CHIP C      | 12PF J       |
| Q806     |         |           | DTC114EE      | DIGITAL TRANSISTOR | E3,E5,J      | C8                                                  |         |           | CC73GCH1H220J | CHIP C      | 22PF J       |
| Q806     |         |           | DTC114EE      | DIGITAL TRANSISTOR | J1,J2,J3     | C9-13                                               |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| Q806     |         |           | DTC114EE      | DIGITAL TRANSISTOR | K1,K3,E1     | C14                                                 |         |           | CK73GB1H471K  | CHIP C      | 470PF K      |
| Q808     |         |           | DTC114EE      | DIGITAL TRANSISTOR | E3,E5,J      | C15                                                 |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| Q808     |         |           | DTC114EE      | DIGITAL TRANSISTOR | J1,J2,J3     | C16                                                 |         |           | CK73GB1H471K  | CHIP C      | 470PF K      |
| Q808     |         |           | DTC114EE      | DIGITAL TRANSISTOR | K1,K3,E1     | C18,19                                              |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| Q811     |         |           | DTC114EE      | DIGITAL TRANSISTOR | E3,E5,J      | C21                                                 |         |           | CK73GB1H471K  | CHIP C      | 470PF K      |
| Q811     |         |           | DTC114EE      | DIGITAL TRANSISTOR | J1,J2,J3     | C22                                                 |         |           | CC73GCH1H180J | CHIP C      | 18PF J       |
| Q811     |         |           | DTC114EE      | DIGITAL TRANSISTOR | K1,K3,E1     | C22                                                 |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| Q813     |         |           | DTC114EE      | DIGITAL TRANSISTOR | E3,E5,J      | C22                                                 |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| Q813     |         |           | DTC114EE      | DIGITAL TRANSISTOR | J1,J2,J3     | C22                                                 |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| Q813     |         |           | DTC114EE      | DIGITAL TRANSISTOR | K1,K3,E1     | C23,24                                              |         |           | CK73GB1H471K  | CHIP C      | 470PF K      |
| Q815     |         |           | DTC114EE      | DIGITAL TRANSISTOR | E3,E5,J      | C25,26                                              |         |           | CC73GCH1H101J | CHIP C      | 100PF J      |
| Q815     |         |           | DTC114EE      | DIGITAL TRANSISTOR | J1,J2,J3     | C27                                                 |         |           | CK73GB1H471K  | CHIP C      | 470PF K      |
| Q815     |         |           | DTC114EE      | DIGITAL TRANSISTOR | K1,K3,E1     | C28                                                 |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| Q817     |         |           | DTC114EE      | DIGITAL TRANSISTOR | E3,E5,J      | C29                                                 |         |           | CK73GB1H471K  | CHIP C      | 470PF K      |
| Q817     |         |           | DTC114EE      | DIGITAL TRANSISTOR | J1,J2,J3     | C30                                                 |         |           | CK73GB1C104K  | CHIP C      | 0.10UF K     |
| Q817     |         |           | DTC114EE      | DIGITAL TRANSISTOR | K1,K3,E1     | C31,32                                              |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| Q819,820 |         |           | DTC114EE      | DIGITAL TRANSISTOR | E3,E5,J      | C34                                                 |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| Q819,820 |         |           | DTC114EE      | DIGITAL TRANSISTOR | J1,J2,J3     | C35                                                 |         |           | CK73GB1H103K  | CHIP C      | 0.010UF K    |
| Q819,820 |         |           | DTC114EE      | DIGITAL TRANSISTOR | K1,K3,E1     | C36,37                                              |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| Q822     |         |           | DTC114EE      | DIGITAL TRANSISTOR | E3,E5,J      | C39                                                 |         |           | CC73GCH1H330J | CHIP C      | 33PF J       |
| Q822     |         |           | DTC114EE      | DIGITAL TRANSISTOR | J1,J2,J3     | C40                                                 |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| Q822     |         |           | DTC114EE      | DIGITAL TRANSISTOR | K1,K3,E1     | C41                                                 |         | *         | CE32BM1V4R7M  | CHIP EL     | 4.7UF 35WV   |
| Q951     |         |           | 2SC4617(R)    | TRANSISTOR         | K2,E2,E4     | C42                                                 |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| TH1,2    |         |           | 157-502-65001 | THERMISTOR         |              | C43                                                 |         |           | CK73GB1H471K  | CHIP C      | 470PF K      |
| TH3      |         |           | 157-302-65801 | THERMISTOR         |              | C44,45                                              |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| TH5,6    |         |           | 157-302-65801 | THERMISTOR         |              | C46                                                 |         |           | CK73GB1H471K  | CHIP C      | 470PF K      |
| TH7,8    |         |           | 157-102-65001 | THERMISTOR         |              | C47                                                 |         |           | CC73GCH1H100D | CHIP C      | 10PF D       |
| TH9      |         |           | 157-502-65001 | THERMISTOR         |              | C48                                                 |         |           | CK73GB1H103K  | CHIP C      | 0.010UF K    |
| S902     |         |           | W02-1985-05   | ENCODER            | E3,E5,J      | C49-51                                              |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| S902     |         |           | W02-1985-05   | ENCODER            | J1,J2,J3     | C52                                                 |         |           | CC73GCH1H040B | CHIP C      | 4.0PF B      |
| S902     |         |           | W02-1985-05   | ENCODER            | K1,K3,E1     | C53                                                 |         | *         | CE32BM1V4R7M  | CHIP EL     | 4.7UF 35WV   |
| S903     |         | *         | W02-1988-15   | ENCODER            | E3,E5,J      | C54                                                 |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| S903     |         | *         | W02-1988-15   | ENCODER            | J1,J2,J3     | C55                                                 |         |           | CK73GB1H471K  | CHIP C      | 470PF K      |
| S903     |         | *         | W02-1988-15   | ENCODER            | K1,K3,E1     | C56                                                 |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| S904     |         | *         | W02-1989-15   | ENCODER            | E3,E5,J      | C57                                                 |         |           | CK73GB1H471K  | CHIP C      | 470PF K      |
| S904     |         | *         | W02-1989-15   | ENCODER            | J1,J2,J3     | C58,59                                              |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
| S904     |         | *         | W02-1989-15   | ENCODER            | K1,K3,E1     | C60,61                                              |         |           | CK73GB1H471K  | CHIP C      | 470PF K      |
|          |         |           |               |                    |              | C62                                                 |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
|          |         |           |               |                    |              | C63                                                 |         |           | CC73GCH1H080B | CHIP C      | 8.0PF B      |
|          |         |           |               |                    |              | C64                                                 |         |           | CK73GB1H102K  | CHIP C      | 1000PF K     |
|          |         |           |               |                    |              | C65                                                 |         |           | CC73GCH1H390J | CHIP C      | 39PF J       |
|          |         |           |               |                    |              | C66                                                 |         |           | CC73GCH1H010B | CHIP C      | 1.0PF B      |
|          |         |           |               |                    |              | C67                                                 |         |           | CC73GCH1H100D | CHIP C      | 10PF D       |
|          |         |           |               |                    |              | C68                                                 |         |           | CK73GB1H471K  | CHIP C      | 470PF K      |
|          |         |           |               |                    |              | C69                                                 |         |           | CC73GCH1H080B | CHIP C      | 8.0PF B      |
|          |         |           |               |                    |              | C70                                                 |         |           | CC73GCH1H120J | CHIP C      | 12PF J       |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

# PARTS LIST

## TX-RX 2 UNIT (X57-606X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description      | Desti-nation | Ref. No. | Address | New parts | Parts No.     | Description      | Desti-nation |
|----------|---------|-----------|---------------|------------------|--------------|----------|---------|-----------|---------------|------------------|--------------|
| C71      |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C146     |         |           | CC73GCH1H101J | CHIP C 100PF J   |              |
| C73      |         |           | CK73GB1H103K  | CHIP C 0.010UF K |              | C147     |         |           | CC73GCH1H080B | CHIP C 8.0PF B   |              |
| C74,75   |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C148     |         |           | CC73GCH1H050B | CHIP C 5.0PF B   |              |
| C76      |         |           | CC73GCH1H070B | CHIP C 7.0PF B   |              | C150     |         |           | CC73GCH1H0R5B | CHIP C 0.5PF B   |              |
| C77      |         |           | CC73GCH1H0R3B | CHIP C 0.3PF B   |              | C151     |         |           | CC73GCH1H150J | CHIP C 15PF J    |              |
| C78      |         |           | CK73GB1H471K  | CHIP C 470PF K   |              | C152     |         |           | CK73GB1H471K  | CHIP C 470PF K   |              |
| C79      |         |           | CC73GCH1H050B | CHIP C 5.0PF B   |              | C153     |         |           | CC73GCH1H101J | CHIP C 100PF J   |              |
| C80      |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C154     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              |
| C81      |         |           | CK73GB1H471K  | CHIP C 470PF K   |              | C155     |         |           | CC73GCH1H040B | CHIP C 4.0PF B   |              |
| C82      |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C156     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              |
| C83      |         |           | CC73GCH1H040B | CHIP C 4.0PF B   |              | C157     |         |           | CC73GCH1H040B | CHIP C 4.0PF B   |              |
| C84      |         |           | CC73GCH1H150J | CHIP C 15PF J    |              | C158     |         |           | CC73GCH1H060B | CHIP C 6.0PF B   |              |
| C85      |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C159     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              |
| C86      |         |           | CK73GB1H471K  | CHIP C 470PF K   |              | C160     |         |           | CC73GCH1H040B | CHIP C 4.0PF B   |              |
| C88      |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C161     |         |           | CK73GB1H471K  | CHIP C 470PF K   |              |
| C91      |         |           | CC73GCH1H060B | CHIP C 6.0PF B   |              | C162,163 |         |           | CC73GCH1H050B | CHIP C 5.0PF B   |              |
| C92      |         |           | CC73GCH1H070B | CHIP C 7.0PF B   |              | C164     |         |           | CC73GCH1H0R5B | CHIP C 0.5PF B   |              |
| C94      |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C165     |         |           | CC73GCH1H020B | CHIP C 2.0PF B   |              |
| C95      |         |           | CC73GCH1H030B | CHIP C 3.0PF B   |              | C166     |         |           | CC73GCH1H070B | CHIP C 7.0PF B   |              |
| C96      |         |           | CK73GB1H471K  | CHIP C 470PF K   |              | C167     |         |           | CK73GB1H471K  | CHIP C 470PF K   |              |
| C97      |         |           | CC73GCH1H0R5B | CHIP C 0.5PF B   |              | C168     |         |           | CC73GCH1H040B | CHIP C 4.0PF B   |              |
| C98      |         |           | CC73GCH1H040B | CHIP C 4.0PF B   |              | C169     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              |
| C99      |         |           | CC73GCH1H0R5B | CHIP C 0.5PF B   |              | C170     |         |           | CC73GCH1H060B | CHIP C 6.0PF B   |              |
| C100     |         |           | CC73GCH1H040B | CHIP C 4.0PF B   |              | C171     |         |           | CC73GCH1H120J | CHIP C 12PF J    |              |
| C101     |         |           | CK73GB1H471K  | CHIP C 470PF K   |              | C172     |         |           | CC73GCH1H0R3B | CHIP C 0.3PF B   |              |
| C102     |         |           | CC73GCH1H0R5B | CHIP C 0.5PF B   |              | C173     |         |           | CC73GCH1H030B | CHIP C 3.0PF B   |              |
| C103     |         |           | CC73GCH1H0R3B | CHIP C 0.3PF B   |              | C174,175 |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              |
| C104     |         |           | CC73GCH1H050B | CHIP C 5.0PF B   |              | C176     |         |           | CK73GB1H471K  | CHIP C 470PF K   |              |
| C105,106 |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C177     |         |           | CC73GCH1H470J | CHIP C 47PF J    |              |
| C107     |         |           | CC73GCH1H050B | CHIP C 5.0PF B   |              | C178     |         |           | CC73GCH1H0R3B | CHIP C 0.3PF B   |              |
| C108     |         |           | CC73GCH1H270J | CHIP C 27PF J    |              | C179     |         |           | CC73GCH1H150J | CHIP C 15PF J    |              |
| C109     |         |           | CC73GCH1H070B | CHIP C 7.0PF B   |              | C180     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              |
| C110     |         |           | CK73GB1H103K  | CHIP C 0.010UF K |              | C181     |         |           | CC73GCH1H050B | CHIP C 5.0PF B   |              |
| C111     |         |           | CC73GCH1H050B | CHIP C 5.0PF B   |              | C182     |         |           | CC73GCH1H090B | CHIP C 9.0PF B   |              |
| C112     |         |           | CC73GCH1H100D | CHIP C 10PF D    |              | C183     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              |
| C113     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C184     |         |           | CK73GB1H471K  | CHIP C 470PF K   |              |
| C114     |         |           | CK73GB1H471K  | CHIP C 470PF K   |              | C185     |         |           | CC73GCH1H050B | CHIP C 5.0PF B   |              |
| C115     |         |           | CC73GCH1H180J | CHIP C 18PF J    |              | C186     |         |           | CC73GCH1H0R3B | CHIP C 0.3PF B   |              |
| C116     |         |           | CC73GCH1H0R3B | CHIP C 0.3PF B   |              | C187     |         |           | CK73GB1H103K  | CHIP C 0.010UF K |              |
| C117,118 |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C188     |         |           | CC73GCH1H100D | CHIP C 10PF D    |              |
| C119     |         |           | CC73GCH1H180J | CHIP C 18PF J    |              | C189     |         |           | CC73GCH1H0R3B | CHIP C 0.3PF B   |              |
| C120     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C190     |         |           | CC73GCH1H100D | CHIP C 10PF D    |              |
| C123     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C191     |         |           | CK73FB1C105K  | CHIP C 1.0UF K   |              |
| C124     |         |           | CC73GCH1H120J | CHIP C 12PF J    |              | C192     |         |           | CC73GCH1H040B | CHIP C 4.0PF B   |              |
| C125     |         |           | CC73GCH1H060B | CHIP C 6.0PF B   |              | C193,194 |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              |
| C126     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C195     |         |           | CK73GB1H103K  | CHIP C 0.010UF K |              |
| C127     |         |           | CK73GB1H471K  | CHIP C 470PF K   |              | C196-199 |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              |
| C128     |         |           | CC73GCH1H020B | CHIP C 2.0PF B   |              | C200,201 |         |           | CK73GB1H471K  | CHIP C 470PF K   |              |
| C129     |         |           | CK73GB1H471K  | CHIP C 470PF K   |              | C202,203 |         |           | CC73GCH1H040B | CHIP C 4.0PF B   |              |
| C130     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C204     |         |           | CC73GCH1H2R5B | CHIP C 2.5PF B   |              |
| C131-133 |         |           | CK73GB1H471K  | CHIP C 470PF K   |              | C205     |         |           | CK73GB1H471K  | CHIP C 470PF K   |              |
| C134     |         |           | CC73GCH1H050B | CHIP C 5.0PF B   |              | C206,207 |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              |
| C135     |         |           | CC73GCH1H060B | CHIP C 6.0PF B   |              | C208,209 |         |           | CK73GB1H471K  | CHIP C 470PF K   |              |
| C136,137 |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C210     |         |           | CK73FB1C105K  | CHIP C 1.0UF K   |              |
| C138     |         |           | CK73GB1H471K  | CHIP C 470PF K   |              | C211     |         |           | CK73GB1H471K  | CHIP C 470PF K   |              |
| C139,140 |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C212     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              |
| C141     |         |           | CK73GB1H471K  | CHIP C 470PF K   |              | C213     |         |           | CK73GB1C104K  | CHIP C 0.10UF K  |              |
| C142     |         |           | CC73GCH1H040B | CHIP C 4.0PF B   |              | C214-219 |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              |
| C143,144 |         |           | CK73GB1H102K  | CHIP C 1000PF K  |              | C220-222 |         |           | CK73GB1C104K  | CHIP C 0.10UF K  |              |
| C145     |         |           | CK73GB1H471K  | CHIP C 470PF K   |              | C224     |         |           | CC73GCH1H100D | CHIP C 10PF D    |              |

# PARTS LIST

## TX-RX 2 UNIT (X57-606X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description      | Desti-<br>nation | Ref. No. | Address | New parts | Parts No.     | Description         | Desti-<br>nation |
|----------|---------|-----------|---------------|------------------|------------------|----------|---------|-----------|---------------|---------------------|------------------|
| C225     |         |           | CK73GB1C104K  | CHIP C 0.10UF K  |                  | C301     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| C227     |         |           | CC73GCH1H020B | CHIP C 2.0PF B   |                  | C303     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |                  |
| C232     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |                  | C304-307 |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| C233     |         |           | CC73GCH1H220J | CHIP C 22PF J    |                  | C308,309 |         |           | CK73GB1C104K  | CHIP C 0.10UF K     | E1,E2,E3         |
| C234     |         |           | CC73GCH1H270J | CHIP C 27PF J    |                  | C308,309 |         |           | CK73GB1C104K  | CHIP C 0.10UF K     | E4,E5            |
| C235     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |                  | C309     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     | J,J1,J2          |
| C238     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |                  | C309     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     | J3               |
| C239     |         |           | CK73GB1H471K  | CHIP C 470PF K   |                  | C309     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     | K1,K2,K3         |
| C240     |         |           | CC73GCH1H050B | CHIP C 5.0PF B   |                  | C310     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| C241     |         |           | CC73GCH1H120J | CHIP C 12PF J    |                  | C312     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |                  |
| C242,243 |         |           | CK73GB1H102K  | CHIP C 1000PF K  |                  | C314,315 |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| C245     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |                  | C316     |         |           | CC73GCH1H120J | CHIP C 12PF J       |                  |
| C246     |         |           | CC73GCH1H030B | CHIP C 3.0PF B   |                  | C317,318 |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| C247     |         |           | CK73GB1H471K  | CHIP C 470PF K   |                  | C319     |         |           | CC73GCH1H240J | CHIP C 24PF J       |                  |
| C248     |         |           | CC73GCH1H150J | CHIP C 15PF J    |                  | C320     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| C249     |         |           | CC73GCH1H050B | CHIP C 5.0PF B   | E1,E2,E3         | C321     |         |           | CC73GCH1H240J | CHIP C 24PF J       |                  |
| C249     |         |           | CC73GCH1H050B | CHIP C 5.0PF B   | E4,E5,J          | C322     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| C249     |         |           | CC73GCH1H100D | CHIP C 10PF D    | J1,J2,J3         | C323     |         |           | CE32BM1E470M  | CHIP EL 47UF 25WV   |                  |
| C250     |         |           | CK73GB1H471K  | CHIP C 470PF K   | K1,K2,K3         | C324     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| C251     |         |           | CK73GB1C104K  | CHIP C 0.10UF K  |                  | C325     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |                  |
| C252     |         |           | CC73GCH1H070B | CHIP C 7.0PF B   |                  | C326,327 |         |           | CC73GCH1H030B | CHIP C 3.0PF B      |                  |
| C253     |         |           | CK73GB1H103K  | CHIP C 0.010UF K |                  | C328     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |                  |
| C254     |         |           | CC73GCH1H030B | CHIP C 3.0PF B   |                  | C329,330 |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| C255     |         |           | CK73GB1H103K  | CHIP C 0.010UF K |                  | C331     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |                  |
| C256     |         |           | CC73GCH1H120J | CHIP C 12PF J    |                  | C332     |         |           | CK73GB1H102K  | CHIP C 1000PF K     |                  |
| C257     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |                  | C333     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| C258     |         |           | CK73GB1H103K  | CHIP C 0.010UF K |                  | C334     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |                  |
| C259     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |                  | C335     |         |           | CC73GCH1H270J | CHIP C 27PF J       |                  |
| C260     |         |           | CK73GB1H103K  | CHIP C 0.010UF K |                  | C336     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |                  |
| C261     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |                  | C338     |         |           | CC73GCH1H221J | CHIP C 220PF J      |                  |
| C262,263 |         |           | CK73GB1H103K  | CHIP C 0.010UF K |                  | C339     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| C264,265 |         |           | CK73GB1H102K  | CHIP C 1000PF K  |                  | C340     |         |           | CC73GCH1H221J | CHIP C 220PF J      |                  |
| C266     |         |           | CK73GB1H103K  | CHIP C 0.010UF K |                  | C341     |         |           | CK73GB1H471K  | CHIP C 470PF K      |                  |
| C267     |         |           | CK73GB1C104K  | CHIP C 0.10UF K  |                  | C342,343 |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |                  |
| C268     |         |           | CC73GCH1H390J | CHIP C 39PF J    |                  | C345     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| C269     |         |           | CK73GB1H103K  | CHIP C 0.010UF K |                  | C346     |         |           | CK73GB1C473K  | CHIP C 0.047UF K    |                  |
| C270     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |                  | C347     |         |           | CK73GB1H472K  | CHIP C 4700PF K     |                  |
| C271     |         |           | CC73GCH1H150J | CHIP C 15PF J    |                  | C348     |         |           | CC73GCH1H331J | CHIP C 330PF J      |                  |
| C272     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |                  | C349     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |                  |
| C274     |         |           | CK73GB1H471K  | CHIP C 470PF K   |                  | C350     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| C276     |         |           | CK73GB1H471K  | CHIP C 470PF K   |                  | C352     |         |           | CK73GB1C473K  | CHIP C 0.047UF K    |                  |
| C277     |         |           | CC73GCH1H150J | CHIP C 15PF J    |                  | C353     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| C278     |         |           | CK73GB1H103K  | CHIP C 0.010UF K |                  | C357     |         |           | CK73GB1E223K  | CHIP C 0.022UF K    |                  |
| C279     |         |           | CC73GCH1H010B | CHIP C 1.0PF B   |                  | C358     |         |           | CK73GB1C473K  | CHIP C 0.047UF K    |                  |
| C280     |         |           | CK73FB1C105K  | CHIP C 1.0UF K   |                  | C359     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| C281     |         |           | CK73GB1C104K  | CHIP C 0.10UF K  |                  | C360     |         |           | CK73GB1C104K  | CHIP C 0.10UF K     |                  |
| C282     |         |           | CC73GCH1H200J | CHIP C 20PF J    |                  | C361     |         |           | CC73GCH1H180J | CHIP C 18PF J       | E1,E2,E3         |
| C283     |         |           | CC73GCH1H030B | CHIP C 3.0PF B   |                  | C361     |         |           | CC73GCH1H180J | CHIP C 18PF J       | E4,E5,J          |
| C284-287 |         |           | CK73GB1H103K  | CHIP C 0.010UF K |                  | C361     |         |           | CC73GCH1H180J | CHIP C 18PF J       | J1,J2,J3         |
| C288     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |                  | C361     |         |           | CC73GCH1H270J | CHIP C 27PF J       | K1,K2,K3         |
| C289     |         |           | CK73GB1C104K  | CHIP C 0.10UF K  | E1,E2,E3         | C362     |         |           | CK73FB1C105K  | CHIP C 1.0UF K      |                  |
| C289     |         |           | CK73GB1C104K  | CHIP C 0.10UF K  | E4,E5            | C363     |         |           | CE32BM1E470M  | CHIP EL 47UF 25WV   |                  |
| C290-292 |         |           | CK73GB1H103K  | CHIP C 0.010UF K |                  | C364,365 |         |           | CK73FB1C105K  | CHIP C 1.0UF K      |                  |
| C293,294 |         |           | CK73FB1C105K  | CHIP C 1.0UF K   |                  | C366     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |                  |
| C295     |         |           | CK73GB1H103K  | CHIP C 0.010UF K |                  | C368     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV |                  |
| C296     |         |           | CC73GCH1H060B | CHIP C 6.0PF B   |                  | C372-375 |         |           | CK73GB1H102K  | CHIP C 1000PF K     |                  |
| C297,298 |         |           | CK73GB1H103K  | CHIP C 0.010UF K |                  | C376     |         |           | CC73GCH1H060B | CHIP C 6.0PF B      |                  |
| C299     |         |           | CK73GB1H471K  | CHIP C 470PF K   |                  | C377,378 |         |           | CC73GCH1H150J | CHIP C 15PF J       |                  |
| C300     |         |           | CK73GB1H102K  | CHIP C 1000PF K  |                  | C379     |         |           | CC73GCH1H050B | CHIP C 5.0PF B      |                  |
|          |         |           |               |                  |                  | C382     |         |           | CC73GCH1H050B | CHIP C 5.0PF B      |                  |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

# PARTS LIST

## TX-RX 2 UNIT (X57-606X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description          | Desti-nation | Ref. No. | Address | New parts | Parts No.     | Description            | Desti-nation |
|----------|---------|-----------|---------------|----------------------|--------------|----------|---------|-----------|---------------|------------------------|--------------|
| C383     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C483     |         |           | CK73GB1H103K  | CHIP C 0.010UF K       |              |
| C385     |         |           | CC73GCH1H010B | CHIP C 1.0PF B       |              | C484     |         |           | CK73GB1H102K  | CHIP C 1000PF K        |              |
| C386     |         |           | CC73GCH1H050B | CHIP C 5.0PF B       |              | C485     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV    |              |
| C387     |         |           | CC73GCH1H180J | CHIP C 18PF J        | K1,K2,K3     | C486,487 |         |           | CC73GCH1H060B | CHIP C 6.0PF B         |              |
| C387     |         |           | CC73GCH1H470J | CHIP C 47PF J        | E1,E2,E3     | C488     |         |           | CC73GCH1H390J | CHIP C 39PF J          |              |
| C387     |         |           | CC73GCH1H470J | CHIP C 47PF J        | E4,E5,J      | C489     |         |           | CK73GB1H103K  | CHIP C 0.010UF K       |              |
| C387     |         |           | CC73GCH1H470J | CHIP C 47PF J        | J1,J2,J3     | C490     |         |           | CK73GB1H472K  | CHIP C 4700PF K        |              |
| C389,390 |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |              | C491,492 |         |           | CC73GCH1H050B | CHIP C 5.0PF B         |              |
| C391     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV  |              | C494     |         |           | CK73GB1H103K  | CHIP C 0.010UF K       |              |
| C393-399 |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C495     |         |           | CC73GCH1H470J | CHIP C 47PF J          |              |
| C401     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C496     |         |           | CK73GB1H102K  | CHIP C 1000PF K        |              |
| C415     |         |           | CC73GCH1H010B | CHIP C 1.0PF B       |              | C497     |         |           | CC73GCH1H060B | CHIP C 6.0PF B         |              |
| C420     |         |           | CK73GB1H472K  | CHIP C 4700PF K      |              | C498     |         |           | CK73GB1H102K  | CHIP C 1000PF K        |              |
| C421     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV  |              | C499     |         |           | CC73GCH1H060B | CHIP C 6.0PF B         |              |
| C422     |         |           | CS77CA1A3R3M  | CHIP TNTL 3.3UF 10WV |              | C501     |         |           | CK73GB1H471K  | CHIP C 470PF K         |              |
| C423,424 |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C502     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV    |              |
| C425     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV  |              | C503     |         |           | CK73GB1H472K  | CHIP C 4700PF K        |              |
| C427     |         |           | CC73GCH1H180J | CHIP C 18PF J        |              | C504     |         |           | CK73GB1C473K  | CHIP C 0.047UF K       |              |
| C428     |         |           | CC73GCH1H100D | CHIP C 10PF D        |              | C505     |         |           | CC73GCH1H270J | CHIP C 27PF J          |              |
| C429     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C506     |         |           | CC73GCH1H040B | CHIP C 4.0PF B         |              |
| C431     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C507     |         |           | CK73GB1H103K  | CHIP C 0.010UF K       |              |
| C432     |         |           | CS77CA1A3R3M  | CHIP TNTL 3.3UF 10WV |              | C508     |         |           | CC73GCH1H470J | CHIP C 47PF J          |              |
| C433     |         |           | CK73GB1H471K  | CHIP C 470PF K       |              | C509     |         |           | CK73GB1H471K  | CHIP C 470PF K         |              |
| C434     |         |           | CC73GCH1H080B | CHIP C 8.0PF B       |              | C510     |         |           | CC73GCH1H101J | CHIP C 100PF J         |              |
| C435     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C511     |         |           | CK73GB1H471K  | CHIP C 470PF K         |              |
| C436     |         |           | CK73GB1H471K  | CHIP C 470PF K       |              | C512     |         |           | CC73GCH1H390J | CHIP C 39PF J          |              |
| C437     |         |           | CC73GCH1H060B | CHIP C 6.0PF B       |              | C513     |         |           | CS77CA1V0R1M  | CHIP TNTL 0.1UF 35WV   |              |
| C438     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C514     |         |           | CS77CA1C010M  | CHIP TNTL 1.0UF 16WV   |              |
| C439     |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              | C515     |         |           | CC73GCH1H101J | CHIP C 100PF J         |              |
| C440     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C516     |         |           | CS77CA1ER47M  | CHIP TNTL 0.47UF 25WV  |              |
| C441     |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              | C517     |         |           | CC73GCH1H151J | CHIP C 150PF J         |              |
| C442     |         |           | CS77AA1C100M  | CHIP TNTL 10UF 16WV  |              | C518     |         |           | C92-0863-05   | CHIP TNTL 0.047UF 35WV |              |
| C443     |         |           | CC73GCH1H050B | CHIP C 5.0PF B       |              | C519     |         |           | CK73GB1C473K  | CHIP C 0.047UF K       |              |
| C444     |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              | C520     |         |           | CC73GCH1H151J | CHIP C 150PF J         |              |
| C445     |         |           | CC73GCH1H030B | CHIP C 3.0PF B       |              | C521     |         |           | CK73GB1C473K  | CHIP C 0.047UF K       |              |
| C446     |         |           | CC73GCH1H1R5B | CHIP C 1.5PF B       |              | C522     |         |           | CC73GCH1H151J | CHIP C 150PF J         |              |
| C447     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C523     |         |           | CK73GB1H472K  | CHIP C 4700PF K        |              |
| C448,449 |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C524     |         |           | CC73GCH1H470J | CHIP C 47PF J          |              |
| C453     |         |           | CC73GCH1H070B | CHIP C 7.0PF B       |              | C525     |         |           | CC73GCH1H100D | CHIP C 10PF D          |              |
| C454     |         |           | CC73GCH1H150J | CHIP C 15PF J        |              | C526     |         |           | CK73GB1H102K  | CHIP C 1000PF K        |              |
| C455     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C527     |         |           | CK73GB1C473K  | CHIP C 0.047UF K       |              |
| C456     |         |           | CC73GCH1H180J | CHIP C 18PF J        |              | C528     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV    |              |
| C457     |         |           | CC73GCH1H080B | CHIP C 8.0PF B       |              | C529     |         |           | CK73GB1H472K  | CHIP C 4700PF K        |              |
| C458     |         |           | CC73GCH1H070B | CHIP C 7.0PF B       |              | C530     |         |           | CC73GCH1H070B | CHIP C 7.0PF B         |              |
| C459,460 |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C531     |         |           | CK73GB1C473K  | CHIP C 0.047UF K       |              |
| C461     |         |           | CK73GB1H472K  | CHIP C 4700PF K      |              | C532     |         |           | CC73GCH1H270J | CHIP C 27PF J          |              |
| C462,463 |         |           | CC73GCH1H180J | CHIP C 18PF J        |              | C533     |         |           | CC73GCH1H101J | CHIP C 100PF J         |              |
| C464     |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              | C534     | *       |           | CS77AC1A101M  | CHIP TNTL 100UF 10WV   |              |
| C465,466 |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C535     |         |           | CC73GCH1H820J | CHIP C 82PF J          |              |
| C467,468 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C536     |         |           | CK73GB1C473K  | CHIP C 0.047UF K       |              |
| C468     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C537     |         |           | CC73GCH1H020B | CHIP C 2.0PF B         |              |
| C469,470 |         |           | CC73GCH1H0R5B | CHIP C 0.5PF B       |              | C538     |         |           | CK73GB1C473K  | CHIP C 0.047UF K       |              |
| C471     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV  |              | C539     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV    |              |
| C472     |         |           | CC73GCH1H220J | CHIP C 22PF J        |              | C540     |         |           | CC73GCH1H150J | CHIP C 15PF J          |              |
| C473     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV  |              | C541     |         |           | CK73GB1C473K  | CHIP C 0.047UF K       |              |
| C474     |         |           | CK73GB1H471K  | CHIP C 470PF K       |              | C542     |         |           | CC73GCH1H101J | CHIP C 100PF J         |              |
| C475,476 |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C543     |         |           | CC73GCH1H080B | CHIP C 8.0PF B         |              |
| C477     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C544     |         |           | CK73GB1H472K  | CHIP C 4700PF K        |              |
| C478,479 |         |           | CK73GB1H471K  | CHIP C 470PF K       |              | C545     |         |           | CK73GB1H102K  | CHIP C 1000PF K        |              |
| C481,482 |         |           | CC73GCH1H040B | CHIP C 4.0PF B       |              | C546     | *       |           | CS77AC1A101M  | CHIP TNTL 100UF 10WV   |              |

# PARTS LIST

## TX-RX 2 UNIT (X57-606X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description          | Desti-nation | Ref. No. | Address | New parts | Parts No.     | Description         | Desti-nation |
|----------|---------|-----------|---------------|----------------------|--------------|----------|---------|-----------|---------------|---------------------|--------------|
| C547     |         |           | CC73GCH1H470J | CHIP C 47PF J        |              | C628     |         |           | CC73GCH1H040B | CHIP C 4.0PF B      |              |
| C548     |         |           | CC73GCH1H010B | CHIP C 1.0PF B       |              | C629     |         |           | CC73GCH1H101J | CHIP C 100PF J      |              |
| C549     |         |           | CC73GCH1H390J | CHIP C 39PF J        |              | C630     |         |           | CC73GCH1H820J | CHIP C 82PF J       |              |
| C550     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C631     |         |           | CC73GCH1H240J | CHIP C 24PF J       |              |
| C551     |         |           | CC73GCH1H121J | CHIP C 120PF J       |              | C632,633 |         |           | CC73GCH1H030B | CHIP C 3.0PF B      |              |
| C552     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C634     |         |           | CC73GCH1H470J | CHIP C 47PF J       |              |
| C554     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C636     |         |           | CC73GCH1H390J | CHIP C 39PF J       |              |
| C555     |         |           | CC73GCH1H070B | CHIP C 7.0PF B       |              | C637     |         |           | CK73GB1C473K  | CHIP C 0.047UF K    |              |
| C556     |         |           | CC73GCH1H181J | CHIP C 180PF J       |              | C638     |         |           | CC73GCH1H070B | CHIP C 7.0PF B      |              |
| C558     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C639     |         |           | CK73GB1C473K  | CHIP C 0.047UF K    |              |
| C559,560 |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              | C640     |         |           | CC73GCH1H101J | CHIP C 100PF J      |              |
| C561     |         |           | CC73GCH1H150J | CHIP C 15PF J        |              | C641     |         |           | CC73GCH1H560J | CHIP C 56PF J       |              |
| C562     |         |           | CC73GCH1H470J | CHIP C 47PF J        |              | C642     |         |           | CK73GB1C473K  | CHIP C 0.047UF K    |              |
| C563     |         |           | CC73GCH1H151J | CHIP C 150PF J       |              | C643     |         |           | CC73GCH1H560J | CHIP C 56PF J       |              |
| C564     |         |           | CC73GCH1H101J | CHIP C 100PF J       |              | C644     |         |           | CC73GCH1H820J | CHIP C 82PF J       |              |
| C565     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C645     |         |           | CK73GB1C473K  | CHIP C 0.047UF K    |              |
| C566     |         |           | CC73GCH1H101J | CHIP C 100PF J       |              | C646     |         |           | CK73GB1H102K  | CHIP C 1000PF K     |              |
| C567     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C647     |         |           | CC73GCH1H120J | CHIP C 12PF J       |              |
| C568     |         |           | CK73GB1H472K  | CHIP C 4700PF K      |              | C648     |         |           | CK73GB1H102K  | CHIP C 1000PF K     |              |
| C569     |         |           | CC73GCH1H470J | CHIP C 47PF J        |              | C649     |         |           | CK73GB1C473K  | CHIP C 0.047UF K    |              |
| C570     |         |           | CC73GCH1H151J | CHIP C 150PF J       |              | C650     |         |           | CC73GCH1H100D | CHIP C 10PF D       |              |
| C571     |         |           | CK73GB1H332K  | CHIP C 3300PF K      |              | C651     |         |           | CC73GCH1H101J | CHIP C 100PF J      |              |
| C572,573 |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              | C652     |         |           | CC73GCH1H060B | CHIP C 6.0PF B      |              |
| C574     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV  |              | C654     |         |           | CC73GCH1H030B | CHIP C 3.0PF B      |              |
| C576     |         |           | CK73GB1H472K  | CHIP C 4700PF K      |              | C656     |         |           | CK73GB1H471K  | CHIP C 470PF K      |              |
| C577     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV  |              | C657     |         |           | CC73GCH1H080B | CHIP C 8.0PF B      |              |
| C579     |         |           | CK73GB1H472K  | CHIP C 4700PF K      |              | C658     |         |           | CC73GCH1H0R5B | CHIP C 0.5PF B      |              |
| C580     |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              | C659     |         |           | CC73GCH1H560J | CHIP C 56PF J       |              |
| C581     |         |           | CC73GCH1H220J | CHIP C 22PF J        |              | C660     |         |           | CK73GB1H332K  | CHIP C 3300PF K     |              |
| C582     |         |           | CC73GCH1H181J | CHIP C 180PF J       |              | C662     |         |           | CK73GB1H472K  | CHIP C 4700PF K     |              |
| C583     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV  |              | C663     |         |           | CC73GCH1H120J | CHIP C 12PF J       |              |
| C585     |         |           | CK73GB1H472K  | CHIP C 4700PF K      |              | C665     |         |           | CK73GB1C473K  | CHIP C 0.047UF K    |              |
| C586-588 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C666     |         |           | CK73GB1H472K  | CHIP C 4700PF K     |              |
| C588     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C667,668 |         |           | CK73GB1C473K  | CHIP C 0.047UF K    |              |
| C589,590 |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C669     |         |           | CK73GB1H102K  | CHIP C 1000PF K     |              |
| C591     |         |           | CC73GCH1H390J | CHIP C 39PF J        |              | C670     |         |           | CC73GCH1H0R5B | CHIP C 0.5PF B      |              |
| C592     |         |           | CC73GCH1H270J | CHIP C 27PF J        |              | C671     |         |           | CC73GCH1H560J | CHIP C 56PF J       |              |
| C593-595 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C672     |         |           | CK73GB1H102K  | CHIP C 1000PF K     |              |
| C596,597 |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV  |              | C674     |         |           | CC73GCH1H101J | CHIP C 100PF J      |              |
| C598,599 |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              | C675     |         |           | CK73GB1H471K  | CHIP C 470PF K      |              |
| C600     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |              | C676     |         |           | CK73GB1C473K  | CHIP C 0.047UF K    |              |
| C601     |         |           | CC73GCH1H020B | CHIP C 2.0PF B       |              | C677     |         |           | CC73GCH1H151J | CHIP C 150PF J      |              |
| C602     |         | *         | CS77AC1A101M  | CHIP TNTL 100UF 10WV |              | C679     |         |           | CK73GB1C473K  | CHIP C 0.047UF K    |              |
| C603     |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              | C680     |         |           | CK73GB1H102K  | CHIP C 1000PF K     |              |
| C605,606 |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              | C681     |         |           | CC73GCH1H070B | CHIP C 7.0PF B      |              |
| C606     |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              | C682     |         |           | CK73GB1H471K  | CHIP C 470PF K      |              |
| C607,608 |         |           | CC73GCH1H560J | CHIP C 56PF J        |              | C683     |         |           | CK73GB1H102K  | CHIP C 1000PF K     |              |
| C609     |         |           | CC73GCH1H150J | CHIP C 15PF J        |              | C684     |         |           | CK73GB1H471K  | CHIP C 470PF K      |              |
| C610,611 |         |           | CC73GCH1H240J | CHIP C 24PF J        |              | C685     |         |           | CC73GCH1H020B | CHIP C 2.0PF B      |              |
| C612     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |              | C686     |         |           | C93-0787-05   | CHIP C 0.10UF J     |              |
| C613     |         |           | CC73GCH1H101J | CHIP C 100PF J       |              | C687     |         |           | CK73GB1H102K  | CHIP C 1000PF K     |              |
| C614     |         |           | CC73GCH1H100D | CHIP C 10PF D        |              | C688     |         |           | CC73GCH1H150J | CHIP C 15PF J       |              |
| C615     |         |           | CC73GCH1H101J | CHIP C 100PF J       |              | C689     |         |           | CK73GB1H102K  | CHIP C 1000PF K     |              |
| C616,617 |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              | C690     |         |           | CC73GCH1H070B | CHIP C 7.0PF B      |              |
| C618,619 |         |           | CC73GCH1H100D | CHIP C 10PF D        |              | C691     |         |           | CK73GB1H103K  | CHIP C 0.010UF K    |              |
| C620     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV  |              | C693,694 |         |           | CK73GB1H472K  | CHIP C 4700PF K     |              |
| C621-623 |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              | C694     |         |           | CK73GB1H472K  | CHIP C 4700PF K     |              |
| C625     |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |              | C695     |         |           | CC73GCH1H060B | CHIP C 6.0PF B      |              |
| C626     |         |           | CC73GCH1H560J | CHIP C 56PF J        |              | C696     |         |           | CK73GB1H102K  | CHIP C 1000PF K     |              |
| C627     |         |           | CC73GCH1H101J | CHIP C 100PF J       |              | C698,699 |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV |              |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

# PARTS LIST

## TX-RX 2 UNIT (X57-606X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description            | Desti-nation | Ref. No. | Address | New parts | Parts No.     | Description           | Desti-nation |
|----------|---------|-----------|---------------|------------------------|--------------|----------|---------|-----------|---------------|-----------------------|--------------|
| C700     |         |           | CC73GCH1H150J | CHIP C 15PF J          |              | C784     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              |
| C701     |         |           | CC73GCH1H270J | CHIP C 27PF J          |              | C786     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C702     |         |           | CC73GCH1H180J | CHIP C 18PF J          |              | C788     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C705     |         |           | CK73GB1H102K  | CHIP C 1000PF K        |              | C789,790 |         |           | CC73GCH1H101J | CHIP C 100PF J        |              |
| C706     |         |           | CK73GB1H103K  | CHIP C 0.010UF K       |              | C791     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C707     |         |           | CK73GB1H102K  | CHIP C 1000PF K        |              | C792     |         |           | CK73GB1H471K  | CHIP C 470PF K        |              |
| C708,709 |         |           | CK73GB1C473K  | CHIP C 0.047UF K       |              | C793     |         |           | CS77AA1A4R7M  | CHIP TNTL 4.7UF 10WV  |              |
| C712     |         |           | CC73GCH1H020B | CHIP C 2.0PF B         |              | C794     |         |           | CK73GB1H472K  | CHIP C 4700PF K       |              |
| C714     |         |           | CK73GB1H103K  | CHIP C 0.010UF K       |              | C795     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV   |              |
| C715     |         |           | CK73GB1C473K  | CHIP C 0.047UF K       |              | C796     |         |           | CK73GB1C473K  | CHIP C 0.047UF K      |              |
| C716     |         |           | CK73GB1H103K  | CHIP C 0.010UF K       |              | C798     |         |           | CK73GB1H471K  | CHIP C 470PF K        |              |
| C717     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV    |              | C799     |         |           | CS77AA1VR33M  | CHIP TNTL 0.33UF 35WV |              |
| C718     |         |           | CK73GB1C473K  | CHIP C 0.047UF K       |              | C800     |         |           | C93-0787-05   | CHIP C 0.10UF J       |              |
| C720,721 |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV    |              | C802,803 |         |           | CK73GB1C473K  | CHIP C 0.047UF K      |              |
| C722,723 |         |           | CC73GCH1H151J | CHIP C 150PF J         |              | C804     |         |           | CC73GCH1H101J | CHIP C 100PF J        |              |
| C724,725 |         |           | CK73GB1C473K  | CHIP C 0.047UF K       |              | C806     |         |           | CK73GB1C473K  | CHIP C 0.047UF K      |              |
| C726     |         | *         | CS77AC1A101M  | CHIP TNTL 100UF 10WV   |              | C807     |         |           | CC73GCH1H220J | CHIP C 22PF J         |              |
| C728     |         |           | C92-0863-05   | CHIP TAN 0.047UF 35WV  |              | C808     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              |
| C729     |         |           | CK73GB1C473K  | CHIP C 0.047UF K       |              | C809     |         |           | CK73GB1C473K  | CHIP C 0.047UF K      |              |
| C731     |         |           | CC73GCH1H820J | CHIP C 82PF J          |              | C810     |         |           | CK73GB1H471K  | CHIP C 470PF K        |              |
| C733     |         |           | CK73GB1H102K  | CHIP C 1000PF K        |              | C811     |         |           | CC73GCH1H101J | CHIP C 100PF J        |              |
| C734     |         |           | CC73GCH1H390J | CHIP C 39PF J          |              | C813     |         |           | CC73GCH1H220J | CHIP C 22PF J         |              |
| C736     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV    |              | C814     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              |
| C737     |         |           | CC73GCH1H820J | CHIP C 82PF J          |              | C815     |         |           | CK73GB1C473K  | CHIP C 0.047UF K      |              |
| C739     |         |           | CS77CA1A3R3M  | CHIP TNTL 3.3UF 10WV   |              | C817     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              |
| C740     |         |           | CK73GB1H102K  | CHIP C 1000PF K        |              | C818     |         |           | CC73GCH1H120J | CHIP C 12PF J         |              |
| C741     |         |           | CC73GCH1H220J | CHIP C 22PF J          |              | C819     |         |           | CK73GB1H472K  | CHIP C 4700PF K       |              |
| C742     |         |           | CC73GCH1H240J | CHIP C 24PF J          |              | C820     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              |
| C743     |         |           | CS77CA1A3R3M  | CHIP TNTL 3.3UF 10WV   |              | C821,822 |         |           | CC73GCH1H120J | CHIP C 12PF J         |              |
| C744     |         |           | CK73GB1H103K  | CHIP C 0.010UF K       |              | C823     |         |           | CC73GCH1H240J | CHIP C 24PF J         |              |
| C745     |         |           | CC73GCH1H270J | CHIP C 27PF J          |              | C824     |         |           | CC73GCH1H180J | CHIP C 18PF J         |              |
| C746     |         |           | CK73GB1H102K  | CHIP C 1000PF K        |              | C825     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C747     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV    |              | C826     |         |           | CC73GCH1H240J | CHIP C 24PF J         |              |
| C748     |         |           | CK73GB1H102K  | CHIP C 1000PF K        |              | C827,828 |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              |
| C749     |         |           | CK73GB1H471K  | CHIP C 470PF K         |              | C830     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              |
| C750     |         |           | CK73GB1C473K  | CHIP C 0.047UF K       |              | C831     |         |           | CK73GB1H471K  | CHIP C 470PF K        |              |
| C751,752 |         |           | CS77CA1A3R3M  | CHIP TNTL 3.3UF 10WV   |              | C832     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              |
| C753,754 |         |           | CK73GB1H182K  | CHIP C 1800PF K        |              | C835     |         |           | CC73GCH1H100D | CHIP C 10PF D         |              |
| C755     |         |           | CC73GCH1H180J | CHIP C 18PF J          |              | C836     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C756     |         |           | CC73GCH1H100D | CHIP C 10PF D          |              | C839     |         |           | CK73GB1C473K  | CHIP C 0.047UF K      |              |
| C757     |         |           | CK73GB1C473K  | CHIP C 0.047UF K       |              | C840-842 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C758     |         |           | CK73GB1H471K  | CHIP C 470PF K         |              | C844     |         | *         | CS77AC1A101M  | CHIP TNTL 100UF 10WV  |              |
| C759     |         |           | CK73GB1H472K  | CHIP C 4700PF K        |              | C849-854 |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV   |              |
| C761     |         |           | CC73GCH1H101J | CHIP C 100PF J         |              | C857-859 |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              |
| C762     |         |           | CK73GB1H102K  | CHIP C 1000PF K        |              | C860     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV   |              |
| C763,764 |         |           | CC73GCH1H180J | CHIP C 18PF J          |              | C861,862 |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              |
| C765,766 |         |           | CC73GCH1H100D | CHIP C 10PF D          |              | C863,864 |         |           | CK73GB1H471K  | CHIP C 470PF K        |              |
| C767     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV    |              | C865     |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              |
| C770     |         |           | CK73GB1H103K  | CHIP C 0.010UF K       |              | C866,867 |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C771     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV    |              | C868     |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV   |              |
| C772     |         |           | CC73GCH1H101J | CHIP C 100PF J         |              | C869,870 |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              |
| C773,774 |         |           | CK73GB1H103K  | CHIP C 0.010UF K       |              | C871     |         |           | CK73GB1H472K  | CHIP C 4700PF K       |              |
| C775     |         |           | CK73GB1H102K  | CHIP C 1000PF K        |              | C872,873 |         |           | CK73GB1H102K  | CHIP C 1000PF K       |              |
| C776     |         |           | CK73GB1H471K  | CHIP C 470PF K         |              | C874     |         |           | CK73GB1C473K  | CHIP C 0.047UF K      |              |
| C777     |         |           | C92-0863-05   | CHIP TNTL 0.047UF 35WV |              | C875     |         |           | CK73GB1H103K  | CHIP C 0.010UF K      |              |
| C778     |         |           | CK73GB1H102K  | CHIP C 1000PF K        |              | C876     |         |           | CC73GCH1H151J | CHIP C 150PF J        |              |
| C780     |         |           | CK73GB1H471K  | CHIP C 470PF K         |              | C877,878 |         |           | CC73GCH1H070B | CHIP C 7.0PF B        |              |
| C781     |         |           | CC73GCH1H100D | CHIP C 10PF D          |              | C879     |         |           | CK73GB1H471K  | CHIP C 470PF K        |              |
| C782     |         |           | CC73GCH1H050B | CHIP C 5.0PF B         |              | C880     |         |           | CC73GCH1H020B | CHIP C 2.0PF B        |              |
| C783     |         |           | CK73GB1H103K  | CHIP C 0.010UF K       |              | C881     |         |           | CK73GB1H471K  | CHIP C 470PF K        |              |

# PARTS LIST

## TX-RX 2 UNIT (X57-606X-XX)

| Ref. No.  | Address | New parts | Parts No.     | Description                      | Desti-<br>nation | Ref. No.  | Address | New parts | Parts No.   | Description                  | Desti-<br>nation |
|-----------|---------|-----------|---------------|----------------------------------|------------------|-----------|---------|-----------|-------------|------------------------------|------------------|
| C882      |         |           | CC73GCH1H020B | CHIP C 2.0PF B                   |                  | CN11      |         |           | E04-0191-05 | PIN SOCKET                   |                  |
| C883,884  |         |           | CC73GCH1H150J | CHIP C 15PF J                    |                  | CN12      |         |           | E40-5741-05 | FLAT CABLE CONNECTOR         |                  |
| C885      |         |           | CK73GB1H102K  | CHIP C 1000PF K                  |                  | CN13      |         |           | E04-0191-05 | PIN SOCKET                   |                  |
| C886,887  |         |           | CC73GCH1H150J | CHIP C 15PF J                    |                  | CN14      |         |           | E40-5978-05 | FLAT CABLE CONNECTOR         |                  |
| C888,889  |         |           | CC73GCH1H010B | CHIP C 1.0PF B                   |                  | CN15      |         |           | E04-0154-05 | PIN SOCKET                   |                  |
| C890      |         |           | CC73GCH1H270J | CHIP C 27PF J                    |                  | CN17      |         |           | E40-5978-05 | FLAT CABLE CONNECTOR         |                  |
| C892,893  |         |           | CC73GCH1H070B | CHIP C 7.0PF B                   |                  | CN18      |         |           | E04-0191-05 | PIN SOCKET                   |                  |
| C894,895  |         |           | CC73GCH1H060B | CHIP C 6.0PF B                   |                  | CN19      |         |           | E04-0154-05 | PIN SOCKET                   |                  |
| C896      |         |           | CK73GB1H103K  | CHIP C 0.010UF K                 |                  | CN501     |         |           | E40-5740-05 | FLAT CABLE CONNECTOR         |                  |
| C897      |         |           | CC73GCH1H120J | CHIP C 12PF J                    |                  | CN502-506 |         |           | E04-0191-05 | PIN SOCKET                   |                  |
| C898      |         |           | CK73GB1H471K  | CHIP C 470PF K                   |                  | CN510     |         |           | E40-5699-05 | PIN ASSY                     |                  |
| C899,900  |         |           | CC73GCH1H330J | CHIP C 33PF J                    |                  | CN511,512 |         |           | E40-6019-05 | PIN ASSY                     |                  |
| C901      |         |           | CK73GB1H471K  | CHIP C 470PF K                   |                  | CN513     |         |           | E40-5699-05 | PIN ASSY                     |                  |
| C902      |         |           | CC73GCH1H050B | CHIP C 5.0PF B                   |                  | CN514     |         |           | E40-6019-05 | PIN ASSY                     |                  |
| C903      |         |           | CK73GB1H471K  | CHIP C 470PF K                   |                  | CN530     |         |           | E41-1682-05 | PIN ASSY                     |                  |
| C904      |         |           | CC73GCH1H050B | CHIP C 5.0PF B                   |                  | CN532     |         |           | E40-5699-05 | PIN ASSY                     |                  |
| C905      |         |           | CC73GCH1H070B | CHIP C 7.0PF B                   |                  | CN533,534 |         |           | E40-5758-05 | FLAT CABLE CONNECTOR         |                  |
| C906      |         |           | CS77AA1A100M  | CHIP TNTL 10UF 10WV              |                  | CN535     |         |           | E40-5699-05 | PIN ASSY                     |                  |
| C907,908  |         |           | CC73GCH1H020B | CHIP C 2.0PF B                   |                  | J1        |         |           | E11-0705-05 | PHONE JACK (9P)              |                  |
| C909,910  |         |           | CK73GB1H102K  | CHIP C 1000PF K                  |                  | J2        |         |           | E11-0455-05 | 3.5D PHONE JACK (3P)         |                  |
| C911      |         |           | CC73GCH1H150J | CHIP C 15PF J                    |                  | W1        |         | *         | E37-0885-15 | LEAD WIRE WITH CONNECTOR     |                  |
| C912      |         |           | CK73GB1H471K  | CHIP C 470PF K                   |                  | W501      |         |           | E37-0956-05 | LEAD WIRE WITH CONNECTOR     |                  |
| C913      |         |           | CK73GB1H102K  | CHIP C 1000PF K                  |                  | W503      |         |           | E37-0955-05 | LEAD WIRE WITH CONNECTOR     |                  |
| C914      |         |           | CC73GCH1H150J | CHIP C 15PF J                    |                  | -         |         |           | F10-2345-04 | SHIELDING CASE               |                  |
| C915      |         |           | CK73GB1H471K  | CHIP C 470PF K                   |                  | -         |         |           | F10-2346-04 | SHIELDING CASE               |                  |
| C916,917  |         |           | CC73GCH1H040B | CHIP C 4.0PF B                   |                  | -         |         |           | F10-2347-04 | SHIELDING CASE               |                  |
| C918      |         |           | CC73GCH1H560J | CHIP C 56PF J                    |                  | -         |         |           | F10-2348-04 | SHIELDING CASE               |                  |
| C919,920  |         |           | CK73GB1H102K  | CHIP C 1000PF K                  |                  | -         |         | *         | F10-2349-24 | SHIELDING CASE               |                  |
| C923      |         |           | CK73GB1H471K  | CHIP C 470PF K                   |                  | 401       | 1B      |           | F10-2351-04 | SHIELDING COVER              |                  |
| C924      |         |           | CK73GB1H472K  | CHIP C 4700PF K                  |                  | -         |         | *         | F10-2388-24 | SHIELDING CASE               |                  |
| C925,926  |         |           | CC73GCH1H050B | CHIP C 5.0PF B                   |                  | 402       | 1B      |           | F10-2389-04 | SHIELDING COVER              |                  |
| C927      |         |           | CC73GCH1H020B | CHIP C 2.0PF B                   |                  | -         |         |           | F10-2390-04 | SHIELDING CASE               |                  |
| C928      |         |           | CK73GB1H472K  | CHIP C 4700PF K                  |                  | -         |         |           | F10-2391-04 | SHIELDING CASE               |                  |
| C929      |         |           | CK73GB1H102K  | CHIP C 1000PF K                  |                  | -         |         | *         | F20-1186-14 | INSULATING SHEET             |                  |
| C930      |         |           | CC73GCH1H050B | CHIP C 5.0PF B                   |                  | -         |         |           | F20-3320-04 | INSULATING SHEET             |                  |
| C931      |         |           | CK73GB1H472K  | CHIP C 4700PF K                  |                  | -         |         |           | G13-1789-04 | CUSHION                      |                  |
| C932      |         |           | CC73GCH1H270J | CHIP C 27PF J                    |                  | -         |         |           | G13-1790-04 | CUSHION                      |                  |
| C933      |         |           | CK73GB1H102K  | CHIP C 1000PF K                  |                  | CF1       |         |           | L72-0984-05 | CERAMIC FILTER (455KHz)      |                  |
| C934,935  |         |           | CK73GB1H471K  | CHIP C 470PF K                   |                  | CF2       |         |           | L72-0986-05 | CERAMIC FILTER (455KHz)      | E1,E2,E3         |
| C936      |         |           | CC73GCH1H330J | CHIP C 33PF J                    |                  | CF2       |         |           | L72-0986-05 | CERAMIC FILTER (455KHz)      | E4,E5            |
| C937      |         |           | CC73GCH1H100D | CHIP C 10PF D                    |                  | CF400     |         | *         | L72-1026-05 | CERAMIC FILTER (8.4MHz)      |                  |
| C962-966  |         |           | CC73GCH1H220J | CHIP C 22PF J                    |                  | L1        |         |           | L41-1095-33 | SMALL FIXED INDUCTOR (1.0UH) |                  |
| TC1-6     |         |           | C05-0369-05   | CERAMIC TRIMMER CAPACITOR        |                  | L4,5      |         |           | L92-0180-05 | CHIP FERRITE                 |                  |
| TC8-10    |         |           | C05-0369-05   | CERAMIC TRIMMER CAPACITOR        |                  | L6        |         |           | L40-8275-92 | SMALL FIXED INDUCTOR (82NH)  |                  |
| TC12      |         |           | C05-0370-05   | CERAMIC TRIMMER CAPACITOR        |                  | L7        |         |           | L40-2785-92 | SMALL FIXED INDUCTOR (270NH) |                  |
| TC13      |         |           | C05-0369-05   | CERAMIC TRIMMER CAPACITOR        |                  | L8,9      |         |           | L39-1498-05 | TOROIDAL COIL                |                  |
| TC14      |         |           | C05-0370-05   | CERAMIC TRIMMER CAPACITOR        |                  | L10       |         |           | L40-1575-92 | SMALL FIXED INDUCTOR (15NH)  |                  |
| TC400,401 |         | *         | C05-0346-15   | CERAMIC TRIMMER CAPACITOR (6PF)  |                  | L11       |         |           | L40-1085-92 | SMALL FIXED INDUCTOR (100NH) |                  |
| TC402     |         | *         | C05-0384-05   | CERAMIC TRIMMER CAPACITOR (10PF) |                  | L12,13    |         |           | L40-1875-92 | SMALL FIXED INDUCTOR (18NH)  |                  |
| TC403     |         | *         | C05-0378-05   | CERAMIC TRIMMER CAPACITOR (20PF) |                  | L14,15    |         |           | L40-4775-92 | SMALL FIXED INDUCTOR (47NH)  |                  |
| TC404,405 |         |           | C05-0384-05   | CERAMIC TRIMMER CAPACITOR (10PF) |                  | L22       |         |           | L41-1095-33 | SMALL FIXED INDUCTOR (1.0UH) |                  |
| TC406     |         | *         | C05-0378-05   | CERAMIC TRIMMER CAPACITOR (20PF) |                  | L23       |         | *         | L34-4788-05 | COIL                         |                  |
| TC408-410 |         |           | C05-0384-05   | CERAMIC TRIMMER CAPACITOR (10PF) |                  | L27       |         |           | L41-4775-33 | SMALL FIXED INDUCTOR (47NH)  |                  |
| CN1-4     |         |           | E04-0191-05   | PIN SOCKET                       |                  | L28       |         | *         | L34-4788-05 | COIL                         |                  |
| CN6       |         |           | E04-0191-05   | PIN SOCKET                       |                  | L29       |         | *         | L79-1868-05 | FILTER                       | E1,E2,E3         |
| CN7       |         |           | E41-1683-05   | PIN ASSY                         |                  | L29       |         | *         | L79-1868-05 | FILTER                       | E4,E5,J          |
| CN8       |         |           | E04-0191-05   | PIN SOCKET                       |                  | L29       |         | *         | L79-1868-05 | FILTER                       | J1,J2,J3         |
| CN9       |         |           | E41-1682-05   | PIN ASSY                         |                  | L29       |         | *         | L79-1869-05 | FILTER                       | K1,K2,K3         |
| CN10      |         |           | E40-6525-05   | PIN ASSY                         |                  |           |         |           |             |                              |                  |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

# PARTS LIST

## TX-RX 2 UNIT (X57-606X-XX)

| Ref. No. | Address | New parts | Parts No.   | Description                    | Desti-nation | Ref. No. | Address | New parts | Parts No.   | Description                    | Desti-nation |
|----------|---------|-----------|-------------|--------------------------------|--------------|----------|---------|-----------|-------------|--------------------------------|--------------|
| L31      |         |           | L40-1575-92 | SMALL FIXED INDUCTOR (15NH)    |              | L139     |         |           | L40-4775-92 | SMALL FIXED INDUCTOR (47NH)    |              |
| L32      |         |           | L41-6875-33 | SMALL FIXED INDUCTOR (68NH)    |              | L140     |         |           | L40-8265-92 | SMALL FIXED INDUCTOR (8.2NH)   |              |
| L34      |         | *         | L34-4788-05 | COIL                           |              | L141     |         |           | L34-4604-05 | AIR-CORE COIL                  |              |
| L35      |         |           | L41-6875-33 | SMALL FIXED INDUCTOR (68NH)    |              | L142-144 |         |           | L40-1085-92 | SMALL FIXED INDUCTOR (100NH)   |              |
| L39      |         |           | L40-2275-92 | SMALL FIXED INDUCTOR (22NH)    |              | L145     |         |           | L40-1585-92 | SMALL FIXED INDUCTOR (150NH)   |              |
| L43      |         |           | L40-8275-92 | SMALL FIXED INDUCTOR (82NH)    |              | L146     |         |           | L40-5675-92 | SMALL FIXED INDUCTOR (56NH)    |              |
| L44      |         | *         | L34-4788-05 | COIL                           |              | L147     |         |           | L41-5685-33 | SMALL FIXED INDUCTOR (0.56UH)  |              |
| L45      |         |           | L40-1875-92 | SMALL FIXED INDUCTOR (18NH)    |              | L148     |         |           | L41-1095-33 | SMALL FIXED INDUCTOR (1.0UH)   |              |
| L46      |         |           | L40-1075-92 | SMALL FIXED INDUCTOR (10NH)    |              | L149     |         |           | L41-4775-33 | SMALL FIXED INDUCTOR (0.047UH) |              |
| L47      |         | *         | L34-4788-05 | COIL                           |              | L151     |         |           | L40-1585-92 | SMALL FIXED INDUCTOR (150NH)   |              |
| L48      |         |           | L41-3375-33 | SMALL FIXED INDUCTOR (33NH)    |              | L154     |         |           | L40-1085-92 | SMALL FIXED INDUCTOR (100NH)   |              |
| L50      |         | *         | L79-1868-05 | FILTER                         | E1,E2,E3     | L155     |         | *         | L41-2785-33 | SMALL FIXED INDUCTOR (0.27UH)  |              |
| L50      |         | *         | L79-1868-05 | FILTER                         | E4,E5,J      | L156     |         | *         | L41-3985-33 | SMALL FIXED INDUCTOR (0.39UH)  |              |
| L50      |         | *         | L79-1868-05 | FILTER                         | J1,J2,J3     | L157     |         |           | L41-6885-33 | SMALL FIXED INDUCTOR (0.68UH)  |              |
| L50      |         | *         | L79-1869-05 | FILTER                         | K1,K2,K3     | L158     |         |           | L41-1575-33 | SMALL FIXED INDUCTOR (0.015UH) |              |
| L52      |         | *         | L34-4788-05 | COIL                           |              | L160     |         |           | L40-1585-92 | SMALL FIXED INDUCTOR (150NH)   |              |
| L55      |         | *         | L34-4788-05 | COIL                           |              | L161     |         |           | L40-4775-92 | SMALL FIXED INDUCTOR (47NH)    |              |
| L59      |         |           | L39-1498-05 | TOROIDAL COIL                  |              | L162     |         |           | L40-6875-92 | SMALL FIXED INDUCTOR (68NH)    |              |
| L61-63   |         |           | L39-1498-05 | TOROIDAL COIL                  |              | L163,164 |         | *         | L34-4842-05 | COIL                           |              |
| L64,65   |         |           | L92-0138-05 | CHIP FERRITE                   |              | L165     |         |           | L40-2285-92 | SMALL FIXED INDUCTOR (220NH)   |              |
| L66-68   |         |           | L39-1498-05 | TOROIDAL COIL                  |              | L166,167 |         |           | L41-4785-33 | SMALL FIXED INDUCTOR (0.47UH)  |              |
| L69      |         |           | L40-3381-37 | SMALL FIXED INDUCTOR (0.330UH) |              | L168     |         |           | L40-1085-92 | SMALL FIXED INDUCTOR (100NH)   |              |
| L72      |         |           | L40-3381-37 | SMALL FIXED INDUCTOR (0.330UH) |              | L169     |         |           | L41-1085-33 | SMALL FIXED INDUCTOR (0.1UH)   |              |
| L73      |         |           | L40-5675-92 | SMALL FIXED INDUCTOR (56NH)    |              | L170     |         |           | L40-1575-92 | SMALL FIXED INDUCTOR (15NH)    |              |
| L74      |         |           | L40-3381-37 | SMALL FIXED INDUCTOR (0.330UH) |              | L171     |         |           | L40-4791-37 | SMALL FIXED INDUCTOR (4.700UH) |              |
| L75      |         |           | L39-1498-05 | TOROIDAL COIL                  |              | L172     |         |           | L41-5685-33 | SMALL FIXED INDUCTOR (0.56UH)  |              |
| L79      |         |           | L40-5681-37 | SMALL FIXED INDUCTOR (0.560UH) |              | L173     |         |           | L40-2785-92 | SMALL FIXED INDUCTOR (270NH)   |              |
| L80      |         | *         | L34-4827-05 | COIL                           |              | L400,401 |         | *         | L41-1591-08 | SMALL FIXED INDUCTOR (1.5NH)   |              |
| L82      |         | *         | L34-4828-05 | COIL                           |              | L402,403 |         |           | L34-4572-05 | AIR-CORE COIL                  |              |
| L83      |         | *         | L41-4705-39 | SMALL FIXED INDUCTOR (47U)     |              | L404     |         |           | L40-1085-92 | SMALL FIXED INDUCTOR (100NH)   |              |
| L85      |         | *         | L41-4705-39 | SMALL FIXED INDUCTOR (47U)     |              | L405     |         |           | L40-1075-92 | SMALL FIXED INDUCTOR (10NH)    |              |
| L86      |         |           | L34-4649-05 | COIL                           |              | L406     |         | *         | L41-4791-08 | SMALL FIXED INDUCTOR (4.7NH)   |              |
| L89      |         |           | L41-6885-33 | SMALL FIXED INDUCTOR (680NH)   |              | L407     |         |           | L34-4573-05 | AIR-CORE COIL                  |              |
| L90      |         | *         | L34-4826-05 | COIL                           |              | L408     |         |           | L34-4572-05 | AIR-CORE COIL                  |              |
| L91      |         | *         | L34-4825-05 | COIL                           |              | L409,410 |         | *         | L41-1015-39 | SMALL FIXED INDUCTOR (100U)    |              |
| L93      |         |           | L34-4787-05 | COIL                           |              | L411     |         | *         | L41-2288-40 | SMALL FIXED INDUCTOR (220NH)   |              |
| L95-97   |         |           | L40-1085-92 | SMALL FIXED INDUCTOR (100NH)   |              | L412     |         | *         | L41-6888-40 | SMALL FIXED INDUCTOR (680NH)   |              |
| L100     |         | *         | L41-3391-08 | SMALL FIXED INDUCTOR (3.3NH)   |              | L413     |         | *         | L34-4839-05 | COIL                           |              |
| L101     |         |           | L92-0180-05 | CHIP FERRITE                   |              | L414     |         |           | L41-2295-39 | SMALL FIXED INDUCTOR (2.2U)    |              |
| L102     |         | *         | L41-3391-08 | SMALL FIXED INDUCTOR (3.3NH)   |              | L415     |         |           | L41-1875-43 | SMALL FIXED INDUCTOR (18NH)    |              |
| L103-105 |         |           | L41-5685-33 | SMALL FIXED INDUCTOR (0.56UH)  |              | L416     |         | *         | L41-1885-43 | SMALL FIXED INDUCTOR (180NH)   |              |
| L106     |         | *         | L41-1875-33 | SMALL FIXED INDUCTOR (0.018UH) |              | L417     |         |           | L40-1575-92 | SMALL FIXED INDUCTOR (15NH)    |              |
| L108,109 |         |           | L34-4604-05 | AIR-CORE COIL                  |              | L418     |         |           | L40-1875-92 | SMALL FIXED INDUCTOR (18NH)    |              |
| L110     |         |           | L34-4605-05 | AIR-CORE COIL                  |              | L419     |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |              |
| L111     |         |           | L34-4603-05 | AIR-CORE COIL                  |              | L420,421 |         |           | L41-1075-33 | SMALL FIXED INDUCTOR (0.01UH)  |              |
| L116     |         |           | L34-4604-05 | AIR-CORE COIL                  |              | L422     |         | *         | L34-4816-05 | COIL                           |              |
| L117     |         |           | L34-4605-05 | AIR-CORE COIL                  |              | L423     |         |           | L41-6875-33 | SMALL FIXED INDUCTOR (0.068UH) |              |
| L118,119 |         |           | L34-4604-05 | AIR-CORE COIL                  |              | L424     |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |              |
| L121,122 |         |           | L40-6865-92 | SMALL FIXED INDUCTOR (6.8NH)   |              | L425     |         |           | L41-2295-39 | SMALL FIXED INDUCTOR (2.2U)    |              |
| L123     |         |           | L34-4605-05 | AIR-CORE COIL                  |              | L426     |         |           | L41-6875-33 | SMALL FIXED INDUCTOR (0.068UH) |              |
| L124     |         |           | L40-4763-92 | SMALL FIXED INDUCTOR (4.7NH)   |              | L427     |         | *         | L34-4816-05 | COIL                           |              |
| L125     |         |           | L40-1575-92 | SMALL FIXED INDUCTOR (15NH)    |              | L428     |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |              |
| L128     |         |           | L34-4605-05 | AIR-CORE COIL                  |              | L429     |         | *         | L41-4705-39 | SMALL FIXED INDUCTOR (47U)     |              |
| L129     |         |           | L34-4603-05 | AIR-CORE COIL                  |              | L430     |         |           | L41-6875-33 | SMALL FIXED INDUCTOR (0.068UH) |              |
| L130     |         | *         | L41-3391-08 | SMALL FIXED INDUCTOR (3.3NH)   |              | L431     |         |           | L41-2295-39 | SMALL FIXED INDUCTOR (2.2U)    |              |
| L131     |         |           | L40-5675-92 | SMALL FIXED INDUCTOR (56NH)    |              | L432     |         | *         | L41-1275-33 | SMALL FIXED INDUCTOR (0.012U)  |              |
| L132     |         | *         | L41-1875-33 | SMALL FIXED INDUCTOR (0.018UH) |              | L433     |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |              |
| L133     |         |           | L34-4605-05 | AIR-CORE COIL                  |              | L434     |         |           | L41-1085-33 | SMALL FIXED INDUCTOR (0.1UH)   |              |
| L134     |         |           | L40-1085-92 | SMALL FIXED INDUCTOR (100NH)   |              | L435     |         |           | L41-1575-33 | SMALL FIXED INDUCTOR (0.015UH) |              |
| L137     |         |           | L34-4603-05 | AIR-CORE COIL                  |              | L436     |         |           | L41-1585-33 | SMALL FIXED INDUCTOR (0.15UH)  |              |

# PARTS LIST

## TX-RX 2 UNIT (X57-606X-XX)

| Ref. No. | Address | New parts | Parts No.   | Description                    | Desti-<br>nation | Ref. No. | Address | New parts | Parts No.    | Description                    | Desti-<br>nation |
|----------|---------|-----------|-------------|--------------------------------|------------------|----------|---------|-----------|--------------|--------------------------------|------------------|
| L437     |         |           | L41-2295-39 | SMALL FIXED INDUCTOR (2.2U)    |                  | L508     |         | *         | L41-1015-39  | SMALL FIXED INDUCTOR (100U)    |                  |
| L438     |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |                  | L509     |         |           | L41-1005-39  | SMALL FIXED INDUCTOR (10U)     |                  |
| L439     |         | *         | L41-1885-33 | SMALL FIXED INDUCTOR (0.18UH)  |                  | L510     |         | *         | L41-1015-39  | SMALL FIXED INDUCTOR (100U)    |                  |
| L440     |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |                  | L511     |         |           | L41-1005-39  | SMALL FIXED INDUCTOR (10U)     |                  |
| L441     |         |           | L41-1595-33 | SMALL FIXED INDUCTOR (1.5UH)   |                  | L512     |         | *         | L41-1015-39  | SMALL FIXED INDUCTOR (100U)    |                  |
| L442     |         | *         | L41-2785-33 | SMALL FIXED INDUCTOR (0.27UH)  |                  | L513,514 |         |           | L40-6875-92  | SMALL FIXED INDUCTOR (68NH)    |                  |
| L443     |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |                  | L515,516 |         |           | L41-1005-39  | SMALL FIXED INDUCTOR (10U)     |                  |
| L444,445 |         | *         | L41-1295-39 | SMALL FIXED INDUCTOR (1.2U)    |                  | L517,518 |         | *         | L41-1275-33  | SMALL FIXED INDUCTOR (0.012UH) |                  |
| L446     |         | *         | L41-6891-08 | SMALL FIXED INDUCTOR (6.8NH)   |                  | L519     |         | *         | L41-1015-39  | SMALL FIXED INDUCTOR (100U)    |                  |
| L447     |         | *         | L41-1295-39 | SMALL FIXED INDUCTOR (1.2U)    |                  | L520,521 |         |           | L41-1575-33  | SMALL FIXED INDUCTOR (0.015UH) |                  |
| L448,449 |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |                  | L522,523 |         | *         | L41-2775-33  | SMALL FIXED INDUCTOR (0.027UH) |                  |
| L450     |         | *         | L34-4839-05 | COIL                           |                  | L524     |         |           | L41-5675-33  | SMALL FIXED INDUCTOR (0.056UH) |                  |
| L451     |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |                  | L525     |         |           | L41-3375-33  | SMALL FIXED INDUCTOR (0.033UH) |                  |
| L452     |         | *         | L41-1591-08 | SMALL FIXED INDUCTOR (1.5NH)   |                  | L526     |         | *         | L41-1875-33  | SMALL FIXED INDUCTOR (0.018UH) |                  |
| L453     |         | *         | L41-3995-33 | SMALL FIXED INDUCTOR (3.9UH)   |                  | L527     |         |           | L41-3375-33  | SMALL FIXED INDUCTOR (0.033UH) |                  |
| L454,455 |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |                  | L528-530 |         | *         | L41-1875-33  | SMALL FIXED INDUCTOR (0.018UH) |                  |
| L456     |         |           | L41-1595-33 | SMALL FIXED INDUCTOR (1.5UH)   |                  | L531     |         |           | L41-1095-33  | SMALL FIXED INDUCTOR (1.0UH)   |                  |
| L457,458 |         | *         | L41-3995-33 | SMALL FIXED INDUCTOR (3.9UH)   |                  | L532     |         |           | L41-6875-33  | SMALL FIXED INDUCTOR (0.068UH) |                  |
| L459     |         | *         | L41-6891-08 | SMALL FIXED INDUCTOR (6.8NH)   |                  | L533,534 |         |           | L41-1005-39  | SMALL FIXED INDUCTOR (10U)     |                  |
| L460     |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |                  | L535,536 |         | *         | L41-2785-33  | SMALL FIXED INDUCTOR (0.27UH)  |                  |
| L460,461 |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |                  | L537     |         |           | L40-1075-92  | SMALL FIXED INDUCTOR (10NH)    |                  |
| L462     |         |           | L41-4795-39 | SMALL FIXED INDUCTOR (4.7U)    |                  | X1       |         |           | L77-1828-05  | CRYSTAL RESONATOR (58.07MHz)   |                  |
| L463     |         |           | L40-2278-60 | SMALL FIXED INDUCTOR (22NH)    |                  | X400     |         | *         | L77-1820-15  | TCXO (15.600MHz)               |                  |
| L464     |         |           | L41-4795-39 | SMALL FIXED INDUCTOR (4.7U)    |                  | XF1      |         |           | L71-0566-05  | MCF (41.895MHz)                |                  |
| L465     |         |           | L41-1095-33 | SMALL FIXED INDUCTOR (1.0UH)   |                  | XF2      |         | *         | L71-0565-15  | MCF (58.525M)                  |                  |
| L466     |         |           | L41-1005-33 | SMALL FIXED INDUCTOR (10UH)    |                  | XF3      |         |           | L71-0582-05  | MCF (41.795MHz/15K)            |                  |
| L467     |         | *         | L41-3995-33 | SMALL FIXED INDUCTOR (3.9UH)   |                  | S        | 1B      | *         | N87-2605-48  | BRAZIER HEAD TAPTITE SCREW     |                  |
| L468,469 |         |           | L41-5695-39 | SMALL FIXED INDUCTOR (5.6U)    |                  | R1       |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W             |                  |
| L470     |         |           | L41-1585-33 | SMALL FIXED INDUCTOR (0.15UH)  |                  | R2,3     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W            |                  |
| L471     |         |           | L41-4795-39 | SMALL FIXED INDUCTOR (4.7U)    |                  | R4,5     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W            |                  |
| L472     |         |           | L40-6878-60 | SMALL FIXED INDUCTOR (68NH)    |                  | R6,7     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W            |                  |
| L473     |         |           | L41-1005-33 | SMALL FIXED INDUCTOR (10UH)    |                  | R8,9     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W            |                  |
| L474     |         |           | L41-1595-33 | SMALL FIXED INDUCTOR (1.5UH)   |                  | R10      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W             |                  |
| L475     |         |           | L41-5695-39 | SMALL FIXED INDUCTOR (5.6U)    |                  | R11      |         |           | RK73GB2A100J | CHIP R 10 J 1/10W              |                  |
| L476     |         | *         | L41-6891-08 | SMALL FIXED INDUCTOR (6.8NH)   |                  | R13,14   |         |           | RK73GB2A103J | CHIP R 10K J 1/10W             |                  |
| L477     |         |           | L40-2285-92 | SMALL FIXED INDUCTOR (220NH)   |                  | R15      |         |           | RK73GB2A153J | CHIP R 15K J 1/10W             |                  |
| L478     |         |           | L41-1005-33 | SMALL FIXED INDUCTOR (10UH)    |                  | R16      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W             |                  |
| L479     |         | *         | L34-4839-05 | COIL                           |                  | R18      |         |           | RK73GB2A271J | CHIP R 270 J 1/10W             |                  |
| L480     |         |           | L40-2285-92 | SMALL FIXED INDUCTOR (220NH)   |                  | R19      |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W            |                  |
| L481     |         | *         | L41-1275-33 | SMALL FIXED INDUCTOR (0.012UH) |                  | R20      |         |           | RK73GB2A223J | CHIP R 22K J 1/10W             |                  |
| L482     |         | *         | L41-2775-33 | SMALL FIXED INDUCTOR (0.027UH) |                  | R20      |         |           | RK73GB2A562J | CHIP R 5.6K J 1/10W            | K1,K2,K3         |
| L483     |         | *         | L41-3995-33 | SMALL FIXED INDUCTOR (3.9UH)   |                  | R20      |         |           | RK73GB2A562J | CHIP R 5.6K J 1/10W            | E1,E2,E3         |
| L485,486 |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |                  | R20      |         |           | RK73GB2A562J | CHIP R 5.6K J 1/10W            | E4,E5,J          |
| L487     |         | *         | L41-1015-39 | SMALL FIXED INDUCTOR (100U)    |                  | R20      |         |           | RK73GB2A562J | CHIP R 5.6K J 1/10W            |                  |
| L488     |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |                  | R21      |         |           | RK73GB2A471J | CHIP R 470 J 1/10W             | J1,J2,J3         |
| L490     |         |           | L41-1585-33 | SMALL FIXED INDUCTOR (0.15UH)  |                  | R22      |         |           | RK73GB2A470J | CHIP R 47 J 1/10W              |                  |
| L492,493 |         | *         | L41-2291-08 | SMALL FIXED INDUCTOR (2.2NH)   |                  | R23      |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W            |                  |
| L494     |         | *         | L34-4824-05 | COIL                           |                  | R24      |         |           | RK73GB2A331J | CHIP R 330 J 1/10W             |                  |
| L495     |         | *         | L34-4835-05 | COIL                           |                  | R25      |         |           | RK73GB2A680J | CHIP R 68 J 1/10W              |                  |
| L496     |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |                  | R26      |         |           | RK73GB2A471J | CHIP R 470 J 1/10W             |                  |
| L497     |         |           | L41-1095-33 | SMALL FIXED INDUCTOR (1.0UH)   |                  | R27      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W             |                  |
| L498     |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |                  | R28,29   |         |           | RK73GB2A471J | CHIP R 470 J 1/10W             |                  |
| L500     |         |           | L41-2285-33 | SMALL FIXED INDUCTOR (0.22UH)  |                  | R30      |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W            | E1,E2,E3         |
| L501     |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |                  | R30      |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W            | E4,E5            |
| L502     |         |           | L41-1595-33 | SMALL FIXED INDUCTOR (1.5UH)   |                  | R31      |         |           | RK73GB2A471J | CHIP R 470 J 1/10W             |                  |
| L503     |         | *         | L41-2291-08 | SMALL FIXED INDUCTOR (2.2NH)   |                  | R32      |         |           | RK73GB2A561J | CHIP R 560 J 1/10W             |                  |
| L504     |         | *         | L34-4823-05 | COIL                           |                  | R33      |         |           | RK73GB2A3R3J | CHIP R 3.3 J 1/10W             |                  |
| L505     |         |           | L41-1595-33 | SMALL FIXED INDUCTOR (1.5UH)   |                  | R34      |         |           | RK73GB2A561J | CHIP R 560 J 1/10W             |                  |
| L506     |         |           | L41-3375-33 | SMALL FIXED INDUCTOR (0.033UH) |                  | R35,36   |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W            |                  |
| L507     |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)     |                  |          |         |           |              |                                |                  |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

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| Ref. No. | Address | New parts | Parts No.    | Description          | Desti-nation |
|----------|---------|-----------|--------------|----------------------|--------------|
| R37      |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |              |
| R38      |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W  |              |
| R39      |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R40      |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |              |
| R41      |         |           | RK73FB2B221J | CHIP R 220 J 1/8W    |              |
| R42      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              |
| R43      |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |              |
| R44      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              |
| R45,46   |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R47      |         |           | RK73GB2A181J | CHIP R 180 J 1/10W   |              |
| R48-50   |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              |
| R51      |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |              |
| R52      |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W  |              |
| R53      |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W  |              |
| R54      |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W  |              |
| R55-59   |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R60      |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |              |
| R61,62   |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |              |
| R63      |         |           | RK73GB2A471J | CHIP R 470 J 1/10W   |              |
| R64      |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |              |
| R66      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              |
| R67-70   |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |              |
| R71      |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |              |
| R72      |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W  |              |
| R73      |         |           | RK73FB2B470J | CHIP R 47 J 1/8W     |              |
| R74      |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |              |
| R75      |         |           | RK73FB2B220J | CHIP R 22 J 1/8W     |              |
| R76      |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |              |
| R77      |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W  |              |
| R79      |         |           | RK73GB2A181J | CHIP R 180 J 1/10W   |              |
| R80      |         |           | RK73FB2B470J | CHIP R 47 J 1/8W     |              |
| R81      |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W  |              |
| R82      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              |
| R83      |         |           | RK73FB2B220J | CHIP R 22 J 1/8W     |              |
| R84      |         |           | RK73GB2A823J | CHIP R 82K J 1/10W   |              |
| R85      |         |           | RK73GB2A333J | CHIP R 33K J 1/10W   |              |
| R86      |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   |              |
| R87      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              |
| R88      |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |              |
| R89      |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W  |              |
| R90      |         |           | RK73FB2B470J | CHIP R 47 J 1/8W     |              |
| R91      |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |              |
| R92      |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |              |
| R93      |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R94      |         |           | RK73GB2A471J | CHIP R 470 J 1/10W   |              |
| R95      |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |              |
| R96      |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W  |              |
| R97      |         |           | RK73GB2A120J | CHIP R 12 J 1/10W    | E1,E2,E3     |
| R97      |         |           | RK73GB2A120J | CHIP R 12 J 1/10W    | E4,E5,J      |
| R97      |         |           | RK73GB2A120J | CHIP R 12 J 1/10W    | J1,J2,J3     |
| R97      |         |           | RK73GB2A150J | CHIP R 15 J 1/10W    | K1,K2,K3     |
| R98      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              |
| R99      |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |              |
| R100     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |              |
| R101     |         |           | RK73FB2B470J | CHIP R 47 J 1/8W     |              |
| R102     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |              |
| R103     |         |           | RK73FB2B220J | CHIP R 22 J 1/8W     |              |
| R104,105 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              |
| R106     |         |           | RK73FB2B470J | CHIP R 47 J 1/8W     |              |
| R107     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |              |
| Ref. No. | Address | New parts | Parts No.    | Description          | Desti-nation |
| R108     |         |           | RK73FB2B470J | CHIP R 47 J 1/8W     |              |
| R109     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W   |              |
| R110,111 |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |              |
| R112,113 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |              |
| R114     |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W  |              |
| R115     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |              |
| R116,117 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              |
| R118     |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W  |              |
| R119     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              |
| R120,121 |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |              |
| R122     |         |           | RK73GB2A330J | CHIP R 33 J 1/10W    |              |
| R123     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |              |
| R124     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R125     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |              |
| R126-128 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R129     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W   |              |
| R130     |         |           | RK73GB2A561J | CHIP R 560 J 1/10W   |              |
| R131     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R132     |         |           | RK73GB2A3R3J | CHIP R 3.3 J 1/10W   |              |
| R133     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R135,136 |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |              |
| R137     |         |           | RK73GB2A821J | CHIP R 820 J 1/10W   |              |
| R139     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |              |
| R140     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |              |
| R141     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R142,143 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              |
| R146,147 |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |              |
| R149     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |              |
| R150,151 |         |           | RK73GB2A561J | CHIP R 560 J 1/10W   |              |
| R152     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R153     |         |           | RK73GB2A180J | CHIP R 18 J 1/10W    |              |
| R154     |         |           | RK73GB2A3R3J | CHIP R 3.3 J 1/10W   |              |
| R155     |         |           | RK73GB2A390J | CHIP R 39 J 1/10W    |              |
| R156     |         |           | RK73GB2A561J | CHIP R 560 J 1/10W   |              |
| R157     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |              |
| R158     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R159     |         |           | RK73GB2A390J | CHIP R 39 J 1/10W    |              |
| R160-163 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R164     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |              |
| R165     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W  |              |
| R166     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              |
| R167     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W   |              |
| R168     |         |           | RK73GB2A330J | CHIP R 33 J 1/10W    |              |
| R169     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W   |              |
| R170     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |              |
| R171     |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W  |              |
| R172     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              |
| R173     |         |           | RK73GB2A121J | CHIP R 120 J 1/10W   |              |
| R174     |         |           | RK73GB2A270J | CHIP R 27 J 1/10W    |              |
| R175     |         |           | RK73GB2A330J | CHIP R 33 J 1/10W    |              |
| R176     |         |           | RK73GB2A562J | CHIP R 5.6K J 1/10W  |              |
| R177     |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W  |              |
| R178     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |              |
| R179     |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W  |              |
| R180     |         |           | RK73GB2A562J | CHIP R 5.6K J 1/10W  |              |
| R181     |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W  |              |
| R185     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R187     |         |           | RK73GB2A393J | CHIP R 39K J 1/10W   |              |
| R188     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |              |
| R189     |         |           | RK73GB2A273J | CHIP R 27K J 1/10W   |              |

# PARTS LIST

## TX-RX 2 UNIT (X57-606X-XX)

| Ref. No. | Address | New parts | Parts No.    | Description          | Desti-nation | Ref. No. | Address | New parts | Parts No.    | Description          | Desti-nation |
|----------|---------|-----------|--------------|----------------------|--------------|----------|---------|-----------|--------------|----------------------|--------------|
| R190     |         |           | RK73GB2A180J | CHIP R 18 J 1/10W    |              | R268     |         |           | RK73GB2A274J | CHIP R 270K J 1/10W  |              |
| R191     |         |           | RK73GB2A273J | CHIP R 27K J 1/10W   |              | R269     |         |           | RK73GB2A564J | CHIP R 560K J 1/10W  |              |
| R192     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              | R271     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W   |              |
| R194     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W   |              | R272     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |              |
| R195     |         |           | RK73GB2A823J | CHIP R 82K J 1/10W   |              | R276     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              |
| R196     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              | R277     |         |           | RK73GB2A183J | CHIP R 18K J 1/10W   |              |
| R197-199 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              | R278     |         |           | RK73GB2A122J | CHIP R 1.2K J 1/10W  |              |
| R200     |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W  |              | R286     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              |
| R201     |         |           | RK73GB2A273J | CHIP R 27K J 1/10W   |              | R287     |         |           | RK73GB2A563J | CHIP R 56K J 1/10W   |              |
| R202     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W   |              | R288     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R203     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              | R289     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              |
| R204     |         |           | RK73GB2A184J | CHIP R 180K J 1/10W  |              | R291     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W   |              |
| R205     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              | R295     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R206     |         |           | RK73GB2A154J | CHIP R 150K J 1/10W  |              | R296     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W   |              |
| R207     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              | R297,298 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R208     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W  |              | R300,301 |         |           | RK73GB2A560J | CHIP R 56 J 1/10W    |              |
| R209     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              | R303     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   |              |
| R210     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              | R304,305 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | J,J1,J2      |
| R211     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   | E1,E2,E3     | R304,305 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | J3           |
| R211     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   | E4,E5        | R304,305 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | K1,K2,K3     |
| R212     |         |           | RK73GB2A563J | CHIP R 56K J 1/10W   |              | R306     |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W  |              |
| R213,214 |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |              | R307,308 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              |
| R215     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              | R309     |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W  |              |
| R216     |         |           | RK73GB2A333J | CHIP R 33K J 1/10W   |              | R310     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |              |
| R217     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              | R311,312 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              |
| R218     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              | R313     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              |
| R219     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              | R314,315 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |              |
| R220,221 |         |           | RK73GB2A223J | CHIP R 22K J 1/10W   | E1,E2,E3     | R316     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              |
| R220,221 |         |           | RK73GB2A223J | CHIP R 22K J 1/10W   | E4,E5        | R317     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W   |              |
| R222     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |              | R319,320 |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |              |
| R223     |         |           | RK73GB2A100J | CHIP R 10 J 1/10W    |              | R321     |         |           | RK73GB2A820J | CHIP R 82 J 1/10W    |              |
| R224     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W   |              | R322     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R225,226 |         |           | RK73GB2A223J | CHIP R 22K J 1/10W   | E1,E2,E3     | R323     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |              |
| R225,226 |         |           | RK73GB2A223J | CHIP R 22K J 1/10W   | E4,E5        | R325-327 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              |
| R229     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W  |              | R328     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R230     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              | R329     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |              |
| R231     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |              | R333     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |              |
| R232     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W   |              | R335     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              |
| R233     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W   |              | R336     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   |              |
| R235     |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   |              | R337     |         |           | RK73GB2A330J | CHIP R 33 J 1/10W    |              |
| R236     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   | E1,E2,E3     | R338     |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W  |              |
| R236     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   | E4,E5        | R340     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              |
| R237,238 |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |              | R342     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |              |
| R240,241 |         |           | RK73GB2A330J | CHIP R 33 J 1/10W    |              | R343,344 |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |              |
| R242     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |              | R345     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |              |
| R245     |         |           | RK73GB2A183J | CHIP R 18K J 1/10W   |              | R346,347 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              |
| R246,247 |         |           | RK73GB2A680J | CHIP R 68 J 1/10W    |              | R348     |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W  |              |
| R248     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              | R349     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | E1,E2,E3     |
| R250     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   |              | R349     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | E4,E5,J      |
| R254     |         |           | RK73GB2A100J | CHIP R 10 J 1/10W    |              | R349     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | J1,J2,J3     |
| R255     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |              | R349,350 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | K1,K2,K3     |
| R256     |         |           | RK73GB2A180J | CHIP R 18 J 1/10W    |              | R350     |         |           | RK73GB2A100J | CHIP R 10 J 1/10W    | E1,E2,E3     |
| R257     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              | R350     |         |           | RK73GB2A100J | CHIP R 10 J 1/10W    | E4,E5,J      |
| R258     |         |           | RK73GB2A180J | CHIP R 18 J 1/10W    |              | R350     |         |           | RK73GB2A100J | CHIP R 10 J 1/10W    | J1,J2,J3     |
| R259,260 |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |              | R351     |         |           | RK73GB2A823J | CHIP R 82K J 1/10W   |              |
| R262     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W  |              | R352     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |              |
| R263     |         |           | RK73GB2A180J | CHIP R 18 J 1/10W    |              | R353     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              |
| R265     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W   |              | R354     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              |
| R266     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W   |              | R355     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |              |
| R267     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W  |              | R356     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

# PARTS LIST

## TX-RX 2 UNIT (X57-606X-XX)

| Ref. No. | Address | New parts | Parts No.    | Description          | Desti-nation | Ref. No. | Address | New parts | Parts No.    | Description          | Desti-nation |
|----------|---------|-----------|--------------|----------------------|--------------|----------|---------|-----------|--------------|----------------------|--------------|
| R357     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |              | R447,448 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              |
| R358     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              | R449     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              |
| R359     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W   |              | R450     |         |           | RK73GB2A224J | CHIP R 220K J 1/10W  |              |
| R360     |         |           | RK73GB2A474J | CHIP R 470K J 1/10W  |              | R451     |         |           | RK73GB2A391J | CHIP R 390 J 1/10W   |              |
| R361     |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W  |              | R452     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              |
| R362     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              | R453     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |              |
| R363     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |              | R454     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |              |
| R364     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              | R455     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |              |
| R365     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              | R456     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |              |
| R366     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W   |              | R457     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |              |
| R368     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W   |              | R458     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |              |
| R369     |         |           | RK73GB2A273J | CHIP R 27K J 1/10W   |              | R459     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |              |
| R370     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W   |              | R460     |         |           | RK73GB2A220J | CHIP R 22 J 1/10W    |              |
| R371     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W  |              | R461     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W   |              |
| R372     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |              | R462     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |              |
| R373     |         |           | RK73GB2A391J | CHIP R 390 J 1/10W   |              | R463     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W   |              |
| R374-376 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              | R464,465 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              |
| R377     |         |           | RK73GB2A560J | CHIP R 56 J 1/10W    |              | R466     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |              |
| R378     |         |           | RK73GB2A224J | CHIP R 220K J 1/10W  |              | R467     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W   |              |
| R379     |         |           | RK73GB2A474J | CHIP R 470K J 1/10W  |              | R468     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |              |
| R380     |         |           | RK73GB2A684J | CHIP R 680K J 1/10W  |              | R469     |         |           | RK73GB2A391J | CHIP R 390 J 1/10W   |              |
| R381     |         |           | RK73GB2A104J | CHIP R 100K J 1/10W  |              | R470     |         |           | RK73GB2A120J | CHIP R 12 J 1/10W    |              |
| R382     |         |           | RK73GB2A474J | CHIP R 470K J 1/10W  |              | R471     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              |
| R383     |         |           | RK73GB2A391J | CHIP R 390 J 1/10W   |              | R472     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |              |
| R384     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              | R473     |         |           | RK73GB2A821J | CHIP R 820 J 1/10W   |              |
| R385-387 |         |           | RK73EB2E000J | CHIP R 0 OHM J 1/4W  |              | R474     |         |           | RK73GB2A391J | CHIP R 390 J 1/10W   |              |
| R388,389 |         |           | RK73FB2B000J | CHIP R 0 OHM J 1/8W  |              | R475     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W   |              |
| R390     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              | R476     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              |
| R391     |         |           | RK73EB2E000J | CHIP R 0 OHM J 1/4W  |              | R477     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |              |
| R392     |         |           | RK73GB2A273J | CHIP R 27K J 1/10W   |              | R478     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |              |
| R393     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              | R479     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W   |              |
| R394     |         |           | RK73EB2E000J | CHIP R 0 OHM J 1/4W  |              | R480     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              |
| R395     |         |           | RK73FB2B000J | CHIP R 0 OHM J 1/8W  |              | R481-483 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              |
| R396-398 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              | R484     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |              |
| R399     |         |           | RK73FB2B100J | CHIP R 10 J 1/8W     | E1,E2,E3     | R485,486 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              |
| R399     |         |           | RK73FB2B100J | CHIP R 10 J 1/8W     | E4,E5,J      | R487     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   |              |
| R399     |         |           | RK73FB2B100J | CHIP R 10 J 1/8W     | J1,J2,J3     | R488     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |              |
| R399     |         | *         | RK73FB2B6R8J | CHIP R 6.8 J 1/8W    | K1,K2,K3     | R489     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |              |
| R400-411 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              | R490     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              |
| R412-417 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              | R491     |         |           | RK73GB2A390J | CHIP R 39 J 1/10W    |              |
| R418     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              | R492     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              |
| R419     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              | R493     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   |              |
| R420     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |              | R494     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   |              |
| R421     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              | R495     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              |
| R422     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |              | R496     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |              |
| R423     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              | R497     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              |
| R424     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              | R498     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W  |              |
| R427     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              | R499     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |              |
| R428-431 |         |           | RK73GB2A123J | CHIP R 12K J 1/10W   |              | R500     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |              |
| R432     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |              | R501     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |              |
| R433,434 |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   |              | R502     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |              |
| R435     |         |           | RK73GB2A474J | CHIP R 470K J 1/10W  |              | R503     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W   |              |
| R436     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   |              | R504     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |              |
| R437     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W  |              | R505     |         |           | RK73GB2A391J | CHIP R 390 J 1/10W   |              |
| R438     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              | R506     |         |           | RK73GB2A821J | CHIP R 820 J 1/10W   |              |
| R439,440 |         |           | RK73GB2A220J | CHIP R 22 J 1/10W    |              | R507     |         |           | RK73GB2A121J | CHIP R 120 J 1/10W   |              |
| R441     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W   |              | R508     |         |           | RK73GB2A820J | CHIP R 82 J 1/10W    |              |
| R442     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |              | R509     |         |           | RK73GB2A5R6J | CHIP R 5.6 J 1/10W   |              |
| R443,444 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              | R510     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |              |
| R445     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |              | R511     |         |           | RK73GB2A821J | CHIP R 820 J 1/10W   |              |

# PARTS LIST

## TX-RX 2 UNIT (X57-606X-XX)

| Ref. No. | Address | New parts | Parts No.    | Description          | Desti-<br>nation | Ref. No. | Address | New parts | Parts No.    | Description          | Desti-<br>nation |
|----------|---------|-----------|--------------|----------------------|------------------|----------|---------|-----------|--------------|----------------------|------------------|
| R512     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |                  | R581     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |                  |
| R513     |         |           | RK73GB2A820J | CHIP R 82 J 1/10W    |                  | R583     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |                  |
| R514,515 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |                  | R585     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |                  |
| R516     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |                  | R586     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |                  |
| R517-519 |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |                  | R587     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |                  |
| R520,521 |         |           | RK73GB2A823J | CHIP R 82K J 1/10W   |                  | R588     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |                  |
| R522,523 |         |           | RK73GB2A561J | CHIP R 560 J 1/10W   |                  | R589     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   |                  |
| R524     |         |           | RK73GB2A823J | CHIP R 82K J 1/10W   |                  | R593     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |                  |
| R525,526 |         |           | RK73GB2A392J | CHIP R 3.9K J 1/10W  |                  | R596     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |                  |
| R527     |         |           | RK73GB2A561J | CHIP R 560 J 1/10W   |                  | R598     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   |                  |
| R528     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |                  | R600     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |                  |
| R529,530 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |                  | R602     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   |                  |
| R531     |         |           | RK73GB2A392J | CHIP R 3.9K J 1/10W  |                  | R603     |         |           | RK73GB2A390J | CHIP R 39 J 1/10W    |                  |
| R532     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |                  | R604-606 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |                  |
| R533     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   |                  | R604,605 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |                  |
| R534     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |                  | R607     |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W  |                  |
| R535     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |                  | R608     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   |                  |
| R536     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |                  | R609     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |                  |
| R537,538 |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |                  | R610     |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W  |                  |
| R539     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   |                  | R611     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |                  |
| R540     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |                  | R612     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |                  |
| R541     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |                  | R613     |         |           | RK73GB2A150J | CHIP R 15 J 1/10W    |                  |
| R542     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W  |                  | R614     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |                  |
| R543     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |                  | R615     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |                  |
| R544     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |                  | R616     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   |                  |
| R545     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W  |                  | R617     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |                  |
| R546     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |                  | R618     |         |           | RK73GB2A390J | CHIP R 39 J 1/10W    |                  |
| R547,548 |         |           | RK73GB2A391J | CHIP R 390 J 1/10W   |                  | R619,620 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |                  |
| R549     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |                  | R621     |         |           | RK73GB2A150J | CHIP R 15 J 1/10W    |                  |
| R550     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W   |                  | R622     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |                  |
| R551     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |                  | R623,624 |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   |                  |
| R552     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W   |                  | R625     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |                  |
| R553     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |                  | R626     |         |           | RK73GB2A474J | CHIP R 470K J 1/10W  |                  |
| R554     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |                  | R627     |         |           | RK73GB2A150J | CHIP R 15 J 1/10W    |                  |
| R555     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W  |                  | R628     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |                  |
| R556     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |                  | R629     |         |           | RK73GB2A474J | CHIP R 470K J 1/10W  |                  |
| R557     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |                  | R630     |         |           | RK73GB2A390J | CHIP R 39 J 1/10W    |                  |
| R558     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W   |                  | R631     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |                  |
| R559     |         |           | RK73GB2A391J | CHIP R 390 J 1/10W   |                  | R632     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   |                  |
| R560     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |                  | R633,634 |         |           | RK73GB2A150J | CHIP R 15 J 1/10W    |                  |
| R561     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |                  | R635     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W   |                  |
| R562     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   |                  | R636     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   |                  |
| R563     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W   |                  | R637,638 |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |                  |
| R564     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   |                  | R639     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W   |                  |
| R565     |         |           | RK73GB2A150J | CHIP R 15 J 1/10W    |                  | R640     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |                  |
| R566     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W   |                  | R641     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |                  |
| R567     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |                  | R642     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |                  |
| R568     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W   |                  | R643     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |                  |
| R569     |         |           | RK73GB2A150J | CHIP R 15 J 1/10W    |                  | R644     |         |           | RK73GB2A180J | CHIP R 18 J 1/10W    |                  |
| R570     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |                  | R645     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  |                  |
| R571     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   |                  | R646     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   |                  |
| R572     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  |                  | R647     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |                  |
| R573     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |                  | R648     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W   |                  |
| R574     |         |           | RK73GB2A150J | CHIP R 15 J 1/10W    |                  | R649     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  |                  |
| R575     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |                  | R650     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  |                  |
| R576     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    |                  | R651     |         |           | RK73GB2A391J | CHIP R 390 J 1/10W   |                  |
| R577     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W   |                  | R652     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |                  |
| R578     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |                  | R653     |         |           | RK73GB2A391J | CHIP R 390 J 1/10W   |                  |
| R579     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   |                  | R654     |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W   |                  |
| R580     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W |                  | R654,655 |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W   |                  |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

PARTS LIST

TX-RX 2 UNIT (X57-606X-XX)

| Ref. No. | Address | New parts | Parts No.    | Description                | Desti-nation |
|----------|---------|-----------|--------------|----------------------------|--------------|
| R656     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W        |              |
| R657     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W         |              |
| R658     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W        |              |
| R659,660 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W        |              |
| R661     |         |           | RK73GB2A150J | CHIP R 15 J 1/10W          |              |
| R663     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W         |              |
| R664     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W         |              |
| R665     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W        |              |
| R666     |         |           | RK73GB2A390J | CHIP R 39 J 1/10W          |              |
| R667     |         |           | RK73GB2A150J | CHIP R 15 J 1/10W          |              |
| R668     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W         |              |
| R669     |         |           | RK73GB2A150J | CHIP R 15 J 1/10W          |              |
| R670     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W          |              |
| R671     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W         |              |
| R675     |         |           | RK73GB2A391J | CHIP R 390 J 1/10W         |              |
| R676     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W         |              |
| R677     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W         |              |
| R677,678 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W         |              |
| R680     |         |           | RK73GB2A390J | CHIP R 39 J 1/10W          |              |
| R681-683 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W       |              |
| R685     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W       |              |
| R686     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W         |              |
| R687     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W       |              |
| R689,690 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W       |              |
| R692     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W         |              |
| R693     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W        |              |
| R694     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W         |              |
| R695     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W        |              |
| R696     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W          |              |
| R697     |         |           | RK73GB2A121J | CHIP R 120 J 1/10W         |              |
| R698     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W        |              |
| R699     |         |           | RK73GB2A391J | CHIP R 390 J 1/10W         |              |
| R700     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W       |              |
| R701     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W        |              |
| R702,703 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W         |              |
| R710-713 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W        |              |
| R714,715 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W         |              |
| R716-719 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W        |              |
| R720     |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W        |              |
| R721     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W       |              |
| R722,723 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W         |              |
| R724,725 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W        |              |
| R726     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W         |              |
| R727     |         |           | RK73GB2A680J | CHIP R 68 J 1/10W          |              |
| R728-731 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W        |              |
| R732,733 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W       |              |
| R734     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W         |              |
| R735,736 |         |           | RK73GB2A391J | CHIP R 390 J 1/10W         |              |
| R737     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W         |              |
| R738     |         |           | RK73GB2A120J | CHIP R 12 J 1/10W          |              |
| R739,740 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W        |              |
| R741     |         |           | RK73GB2A120J | CHIP R 12 J 1/10W          |              |
| R742,743 |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W        |              |
| R744     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W         |              |
| R745,746 |         |           | RK73GB2A391J | CHIP R 390 J 1/10W         |              |
| R747     |         |           | RK73GB2A180J | CHIP R 18 J 1/10W          |              |
| R749,750 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W        |              |
| R751     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W         |              |
| R752     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W        |              |
| R753,754 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W       |              |
| R755     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W          |              |
| R756     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W         |              |
| R757     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W        |              |
| R758     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W        |              |
| R759     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W         |              |
| R760-762 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W        |              |
| R763     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W        |              |
| R764,765 |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W        |              |
| R766     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W         |              |
| R767     |         |           | RK73GB2A180J | CHIP R 18 J 1/10W          |              |
| R768-770 |         |           | RK73GB2A271J | CHIP R 270 J 1/10W         |              |
| R771,772 |         |           | RK73GB2A180J | CHIP R 18 J 1/10W          |              |
| R773,774 |         |           | RK73GB2A271J | CHIP R 270 J 1/10W         |              |
| R775     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W       |              |
| D6,7     |         |           | RN731V       | DIODE                      |              |
| D9-11    |         |           | HSC277       | DIODE                      |              |
| D12      |         |           | RN731V       | DIODE                      |              |
| D13      |         |           | HSC277       | DIODE                      |              |
| D14      |         |           | RN731V       | DIODE                      |              |
| D15      |         |           | HSC277       | DIODE                      |              |
| D16      |         |           | HVC131       | DIODE                      |              |
| D17      |         |           | HSC277       | DIODE                      |              |
| D18      |         |           | HVC131       | DIODE                      |              |
| D19      |         |           | RN731V       | DIODE                      |              |
| D20      |         |           | HSC277       | DIODE                      |              |
| D21      |         |           | RN731V       | DIODE                      |              |
| D22-24   |         |           | HSC277       | DIODE                      |              |
| D30-34   |         |           | HVC350B      | VARIABLE CAPACITANCE DIODE |              |
| D36,37   |         |           | HVC350B      | VARIABLE CAPACITANCE DIODE |              |
| D39-43   |         |           | HVC350B      | VARIABLE CAPACITANCE DIODE |              |
| D46      |         |           | DAN235E      | DIODE                      |              |
| D47      |         |           | HVC350B      | VARIABLE CAPACITANCE DIODE |              |
| D48,49   |         |           | HSC277       | DIODE                      |              |
| D51      |         |           | HVC350B      | VARIABLE CAPACITANCE DIODE |              |
| D52,53   |         |           | DAN235E      | DIODE                      |              |
| D54      |         |           | HSB88WS      | DIODE                      | J,J1,J2      |
| D56      |         |           | DAN235E      | DIODE                      | J3           |
| D56      |         |           | DAN235E      | DIODE                      | K1,K2,K3     |
| D56      |         |           | DAN235E      | DIODE                      |              |
| D56,57   |         |           | DAN235E      | DIODE                      | E1,E2,E3     |
| D56,57   |         |           | DAN235E      | DIODE                      | E4,E5        |
| D58      |         |           | RB706F-40    | DIODE                      |              |
| D59      |         |           | DAN235E      | DIODE                      | E1,E2,E3     |
| D59      |         |           | DAN235E      | DIODE                      | E4,E5        |
| D63-66   |         |           | 1SS355       | DIODE                      |              |
| D68      |         |           | DAN222       | DIODE                      |              |
| D69      |         |           | 1SS355       | DIODE                      |              |
| D71      |         |           | 1SS355       | DIODE                      |              |
| D73,74   |         |           | DAN222       | DIODE                      |              |
| D75,76   |         |           | 1SS355       | DIODE                      |              |
| D77,78   |         |           | MA3J742      | DIODE                      |              |
| D79,80   |         |           | HVC350B      | VARIABLE CAPACITANCE DIODE |              |
| D81,82   |         |           | HVC131       | DIODE                      |              |
| D83      |         |           | MA3J742      | DIODE                      |              |
| D84-88   |         |           | HVC350B      | VARIABLE CAPACITANCE DIODE |              |
| D89      |         |           | UDZS3.9B     | ZENER DIODE                |              |
| D90,91   |         |           | HSC277       | DIODE                      |              |
| D92-94   |         |           | HVC131       | DIODE                      |              |
| D95      |         |           | HSC277       | DIODE                      |              |

# PARTS LIST

TX-RX 2 UNIT (X57-606X-XX)

| Ref. No.  | Address | New parts | Parts No.     | Description                            | Desti-nation | Ref. No. | Address | New parts | Parts No.     | Description        | Desti-nation |
|-----------|---------|-----------|---------------|----------------------------------------|--------------|----------|---------|-----------|---------------|--------------------|--------------|
| D96,97    |         |           | HVC131        | DIODE                                  |              | Q37      |         |           | 3SK298        | FET                |              |
| D98       |         |           | DAN222        | DIODE                                  |              | Q38      |         | *         | 3SK131-A(M)   | FET                |              |
| D99       |         |           | 1SS355        | DIODE                                  |              | Q39      |         |           | 2SC4617(R)    | TRANSISTOR         |              |
| D100      |         |           | HVC350B       | VARIABLE CAPACITANCE DIODE             |              | Q40      |         |           | DTA114EUA     | DIGITAL TRANSISTOR | E1,E2,E3     |
| D101      |         |           | HSC277        | DIODE                                  |              | Q40      |         |           | DTA114EUA     | DIGITAL TRANSISTOR | E4,E5        |
| D400      |         |           | MA2S111-F     | DIODE                                  |              | Q41      |         |           | DTC144EUA     | DIGITAL TRANSISTOR | E1,E2,E3     |
| D401,402  |         | *         | KV1460-G      | VARIABLE CAPACITANCE DIODE             |              | Q41      |         |           | DTC144EUA     | DIGITAL TRANSISTOR | E4,E5        |
| D403      |         |           | MA2S304       | VARIABLE CAPACITANCE DIODE             |              | Q42,43   |         |           | 2SK520(K43)   | FET                | J,J1,J2      |
| D404,405  |         |           | MA2S077-F     | DIODE                                  |              | Q42,43   |         |           | 2SK520(K43)   | FET                | J3           |
| D406      |         |           | MA2S304       | VARIABLE CAPACITANCE DIODE             |              | Q42,43   |         |           | 2SK520(K43)   | FET                | K1,K2,K3     |
| D407      |         |           | MA2S111-F     | DIODE                                  |              | Q42,43   |         | *         | 2SK520-A(K43) | FET                | E1,E2,E3     |
| D408      |         | *         | KV1460-G      | VARIABLE CAPACITANCE DIODE             |              | Q42,43   |         | *         | 2SK520-A(K43) | FET                | E4,E5        |
| D409-412  |         |           | 1SV283F       | VARIABLE CAPACITANCE DIODE             |              | Q44,45   |         |           | 2SC4617(R)    | TRANSISTOR         |              |
| D413      |         | *         | KV1460-G      | VARIABLE CAPACITANCE DIODE             |              | Q46,47   |         | *         | 3SK131-A(M)   | FET                |              |
| D416,417  |         |           | 1SV283F       | VARIABLE CAPACITANCE DIODE             |              | Q48      |         |           | 2SC4617(R)    | TRANSISTOR         |              |
| D418,419  |         |           | MA2S077-F     | DIODE                                  |              | Q50,51   |         |           | 2SC4617(R)    | TRANSISTOR         |              |
| D420      |         |           | 1SV283F       | VARIABLE CAPACITANCE DIODE             |              | Q55,56   |         |           | 2SB1132(Q,R)  | TRANSISTOR         |              |
| D421      |         |           | MA2S077-F     | DIODE                                  |              | Q57-60   |         |           | DTC114EUA     | DIGITAL TRANSISTOR |              |
| D422,423  |         |           | MA2S111-F     | DIODE                                  |              | Q61      |         | *         | 2SC3356-A     | TRANSISTOR         |              |
| D426-429  |         |           | RN731V        | DIODE                                  |              | Q62      |         |           | 2SA1362-F(Y)  | TRANSISTOR         |              |
| D430-437  |         |           | MA2S077-F     | DIODE                                  |              | Q63      |         |           | 2SC4617(S)    | TRANSISTOR         |              |
| D438      |         |           | MA2S111-F     | DIODE                                  |              | Q65      |         |           | 2SC4617(R)    | TRANSISTOR         |              |
| D439-444  |         |           | MA2S077-F     | DIODE                                  |              | Q66      |         | *         | FMA1A         | TRANSISTOR         |              |
| D445-447  |         |           | MA2S111-F     | DIODE                                  |              | Q67      |         |           | DTA114EUA     | DIGITAL TRANSISTOR |              |
| IC2       |         |           | BU2099FV      | IC (SERIAL/PARALLEL SIGNAL CONVERSION) |              | Q400-402 |         |           | 2SC3722K(R)   | TRANSISTOR         |              |
| IC3       |         | *         | UPC1678GV-A   | IC (WIDE BAND AMPLIFIER)               |              | Q403-405 |         |           | DTC114EUA     | DIGITAL TRANSISTOR |              |
| IC4,5     |         |           | SPM5001       | IC (MIXER)                             |              | Q406,407 |         |           | 2SK508NV(K52) | FET                |              |
| IC6       |         |           | UPB1509GV     | IC (DIVIDER)                           |              | Q409     |         |           | 2SK508NV(K52) | FET                |              |
| IC7       |         |           | TA31136FNG    | IC (FM IC)                             |              | Q410,411 |         |           | 2SC4116(Y)F   | TRANSISTOR         |              |
| IC8       |         | *         | TC4W53FU-F    | IC (MULTIPLEXER)                       |              | Q412     |         |           | 2SC4617(R)    | TRANSISTOR         |              |
| IC9       |         |           | NJM2904V-ZB   | IC (OP AMP)                            |              | Q413,414 |         |           | 2SC5108(Y)F   | TRANSISTOR         |              |
| IC400     |         |           | TA7808FQ      | IC (AVR)                               |              | Q415     |         |           | 2SC4649(N,P)  | TRANSISTOR         |              |
| IC401     |         | *         | LMX2306TMX/NP | IC (PLL)                               |              | Q416     |         |           | 2SC5108(Y)F   | TRANSISTOR         |              |
| IC402     |         |           | LMX2316TMX    | IC (PLL)                               |              | Q417-420 |         |           | 2SC4617(R)    | TRANSISTOR         |              |
| IC403     |         |           | TA7805FQ      | IC (AVR)                               |              | Q421     |         |           | 2SC4649(N,P)  | TRANSISTOR         |              |
| IC404     |         |           | BU4094BCFV    | IC (SERIAL/PARALLEL CONVERSION)        |              | Q423-425 |         |           | 2SC4617(R)    | TRANSISTOR         |              |
| IC405     |         | *         | UPC2709TB-A   | IC (WIDE BAND AMPLIFIER)               |              | Q426     |         |           | DTC114EUA     | DIGITAL TRANSISTOR |              |
| IC406-408 |         |           | AD9835BRUZ    | IC (DDS)                               |              | Q427     |         |           | 2SK508NV(K52) | FET                |              |
| IC409-412 |         | *         | LMX2306TMX/NP | IC (PLL)                               |              | Q428     |         |           | 2SC4617(R)    | TRANSISTOR         |              |
| IC414     |         | *         | LMX2306TMX/NP | IC (PLL)                               |              | Q428-430 |         |           | 2SC4617(R)    | TRANSISTOR         |              |
| IC415,416 |         | *         | UPC2709TB-A   | IC (WIDE BAND AMPLIFIER)               |              | Q431     |         |           | 2SK508NV(K52) | FET                |              |
| Q1,2      |         |           | DTC114EUA     | DIGITAL TRANSISTOR                     |              | Q432     |         |           | 2SC4617(R)    | TRANSISTOR         |              |
| Q3        |         |           | FMA5          | TRANSISTOR                             |              | Q433     |         |           | 2SK508NV(K52) | FET                |              |
| Q11       |         |           | UMC2N         | TRANSISTOR                             |              | Q434     |         |           | DTC114EUA     | DIGITAL TRANSISTOR |              |
| Q13       |         |           | FMA5          | TRANSISTOR                             |              | Q435     |         |           | 2SC5108(Y)F   | TRANSISTOR         |              |
| Q14       |         | *         | NE34018       | FET                                    |              | Q436     |         |           | DTC114EUA     | DIGITAL TRANSISTOR |              |
| Q15       |         |           | 3SK293-F      | FET                                    |              | Q437     |         |           | 2SC5108(Y)F   | TRANSISTOR         |              |
| Q16       |         |           | UMC2N         | TRANSISTOR                             |              | Q438     |         |           | 2SC4617(R)    | TRANSISTOR         |              |
| Q17,18    |         | *         | 2SC3356-A     | TRANSISTOR                             |              | Q439     |         |           | DTC114EUA     | DIGITAL TRANSISTOR |              |
| Q19       |         |           | 2SC5066-F(O)  | TRANSISTOR                             |              | Q441     |         |           | 2SK508NV(K52) | FET                |              |
| Q20       |         | *         | 2SK302-F(GR)  | FET                                    |              | Q444     |         |           | 2SC4617(R)    | TRANSISTOR         |              |
| Q21,22    |         |           | 2SC3357-A     | TRANSISTOR                             |              | Q446     |         |           | 2SC4617(R)    | TRANSISTOR         |              |
| Q23       |         |           | 3SK298        | FET                                    |              | Q447-452 |         |           | 2SC3722K(R)   | TRANSISTOR         |              |
| Q24,25    |         |           | 2SC3357-A     | TRANSISTOR                             |              | Q453,454 |         |           | DTC114EUA     | DIGITAL TRANSISTOR |              |
| Q26       |         | *         | 2SC3356-A     | TRANSISTOR                             |              | Q455     |         |           | 2SC4617(R)    | TRANSISTOR         |              |
| Q30       |         | *         | 2SC3356-A     | TRANSISTOR                             |              | Q457     |         |           | 2SC5108(Y)F   | TRANSISTOR         |              |
| Q31       |         |           | UMC2N         | TRANSISTOR                             |              | Q458     |         |           | 2SC4617(R)    | TRANSISTOR         |              |
| Q32-34    |         | *         | 2SC3356-A     | TRANSISTOR                             |              | Q459,460 |         |           | 2SK508NV(K52) | FET                |              |
| Q35       |         |           | DTA114EUA     | DIGITAL TRANSISTOR                     |              | Q461     |         |           | 2SC5108(Y)F   | TRANSISTOR         |              |
| Q36       |         |           | UMC2N         | TRANSISTOR                             |              | Q462     |         |           | 2SC4649(N,P)  | TRANSISTOR         |              |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

PARTS LIST

TX-RX 2 UNIT (X57-606X-XX)  
TX-RX 3 UNIT (UT-20) (X57-607X-XX)

| Ref. No.                                                        | Address | New parts | Parts No.                                                                         | Description                                                                                     | Desti-nation                                 |
|-----------------------------------------------------------------|---------|-----------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------|
| Q463<br>Q464<br>Q469-472<br>Q473<br>Q474                        |         |           | DTC114EUA<br>2SK508NV(K52)<br>UMC2N<br>2SC4617(R)<br>UMC2N                        | DIGITAL TRANSISTOR<br>FET<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR                             |                                              |
| Q476<br>TH1<br>TH2                                              |         |           | 2SC4649(N,P)<br>157-502-65001<br>157-102-65001                                    | TRANSISTOR<br>THERMISTOR<br>THERMISTOR                                                          |                                              |
| TX-RX 3 UNIT (UT-20) (X57-607X-XX)<br>0-00 : J2,J3,K3 2-71 : E5 |         |           |                                                                                   |                                                                                                 |                                              |
| C1<br>C1<br>C2<br>C2<br>C3                                      |         |           | CK73GB1H103K<br>CK73GB1H103K<br>CK73GB1H471K<br>CK73GB1H471K<br>CC73GCH1H470J     | CHIP C 0.010UF K<br>CHIP C 0.010UF K<br>CHIP C 470PF K<br>CHIP C 470PF K<br>CHIP C 47PF J       | J3<br>K3,E5,J2<br>J3<br>K3,E5,J2<br>J3       |
| C3<br>C4<br>C4<br>C5,6<br>C5,6                                  |         |           | CC73GCH1H470J<br>CK73GB1H103K<br>CK73GB1H103K<br>CC73GCH1H100D<br>CC73GCH1H100D   | CHIP C 47PF J<br>CHIP C 0.010UF K<br>CHIP C 0.010UF K<br>CHIP C 10PF D<br>CHIP C 10PF D         | K3,E5,J2<br>J3<br>K3,E5,J2<br>J3<br>K3,E5,J2 |
| C7<br>C7<br>C8<br>C8<br>C9                                      |         |           | CK73GB1H102K<br>CK73GB1H102K<br>CK73GB1H103K<br>CK73GB1H103K<br>CC73GCH1H100D     | CHIP C 1000PF K<br>CHIP C 1000PF K<br>CHIP C 0.010UF K<br>CHIP C 0.010UF K<br>CHIP C 10PF D     | J3<br>K3,E5,J2<br>J3<br>K3,E5,J2<br>J3       |
| C9<br>C10<br>C10<br>C11,12<br>C11,12                            |         |           | CC73GCH1H100D<br>CK73GB1H102K<br>CK73GB1H102K<br>CK73GB1H103K<br>CK73GB1H103K     | CHIP C 10PF D<br>CHIP C 1000PF K<br>CHIP C 1000PF K<br>CHIP C 0.010UF K<br>CHIP C 0.010UF K     | K3,E5,J2<br>J3<br>K3,E5,J2<br>J3<br>K3,E5,J2 |
| C13<br>C13<br>C14,15<br>C14,15<br>C16                           |         |           | CC73GCH1H050C<br>CC73GCH1H050C<br>CK73GB1H102K<br>CK73GB1H102K<br>CK73GB1H471K    | CHIP C 5.0PF C<br>CHIP C 5.0PF C<br>CHIP C 1000PF K<br>CHIP C 1000PF K<br>CHIP C 470PF K        | J3<br>K3,E5,J2<br>J3<br>K3,E5,J2<br>J3       |
| C16<br>C18<br>C18<br>C19<br>C19                                 |         |           | CK73GB1H471K<br>CC73GCH1H470J<br>CC73GCH1H470J<br>CC73GCH1H060D<br>CC73GCH1H060D  | CHIP C 470PF K<br>CHIP C 47PF J<br>CHIP C 47PF J<br>CHIP C 6.0PF D<br>CHIP C 6.0PF D            | K3,E5,J2<br>J3<br>K3,E5,J2<br>J3<br>K3,E5,J2 |
| C20,21<br>C20,21<br>C22<br>C22<br>C24                           |         |           | CK73GB1H102K<br>CK73GB1H102K<br>CC73GCH1H470J<br>CC73GCH1H470J<br>CC73GCH1H220J   | CHIP C 1000PF K<br>CHIP C 1000PF K<br>CHIP C 47PF J<br>CHIP C 47PF J<br>CHIP C 22PF J           | J3<br>K3,E5,J2<br>J3<br>K3,E5,J2<br>J3       |
| C24<br>C25<br>C25<br>C26<br>C26                                 |         |           | CC73GCH1H220J<br>CC73GCH1H470J<br>CC73GCH1H470J<br>CC73GCH1H030C<br>CC73GCH1H030C | CHIP C 22PF J<br>CHIP C 47PF J<br>CHIP C 47PF J<br>CHIP C 3.0PF C<br>CHIP C 3.0PF C             | K3,E5,J2<br>J3<br>K3,E5,J2<br>J3<br>K3,E5,J2 |
| C27,28<br>C27,28<br>C29<br>C29<br>C32                           |         |           | CC73GCH1H470J<br>CC73GCH1H470J<br>CK73GB1H471K<br>CK73GB1H471K<br>CK73GB1H471K    | CHIP C 47PF J<br>CHIP C 47PF J<br>CHIP C 470PF K<br>CHIP C 470PF K<br>CHIP C 470PF K            | J3<br>K3,E5,J2<br>J3<br>K3,E5,J2<br>J3       |
| C32<br>C33,34<br>C33,34<br>C36<br>C36                           |         |           | CK73GB1H471K<br>CC73GCH1H470J<br>CC73GCH1H470J<br>CK73GB1C104K<br>CK73GB1C104K    | CHIP C 470PF K<br>CHIP C 47PF J<br>CHIP C 47PF J<br>CHIP C 0.10UF K<br>CHIP C 0.10UF K          | K3,E5,J2<br>J3<br>K3,E5,J2<br>J3<br>K3,E5,J2 |
| C37<br>C37<br>C38<br>C38<br>C40                                 |         |           | CC73GCH1H030C<br>CC73GCH1H030C<br>CK73GB1H471K<br>CK73GB1H471K<br>CC73GCH1H470J   | CHIP C 3.0PF C<br>CHIP C 3.0PF C<br>CHIP C 470PF K<br>CHIP C 470PF K<br>CHIP C 47PF J           | J3<br>K3,E5,J2<br>J3<br>K3,E5,J2<br>J3       |
| C40<br>C41<br>C41<br>C42<br>C42                                 |         |           | CC73GCH1H470J<br>CK73GB1H102K<br>CK73GB1H102K<br>CE32BM1E470M<br>CE32BM1E470M     | CHIP C 47PF J<br>CHIP C 1000PF K<br>CHIP C 1000PF K<br>CHIP EL 47UF 25WV<br>CHIP EL 47UF 25WV   | K3,E5,J2<br>J3<br>K3,E5,J2<br>J3<br>K3,E5,J2 |
| C43<br>C43<br>C44<br>C44<br>C45                                 |         |           | CK73GB1H102K<br>CK73GB1H102K<br>CE32BM1E470M<br>CE32BM1E470M<br>CK73GB1H102K      | CHIP C 1000PF K<br>CHIP C 1000PF K<br>CHIP EL 47UF 25WV<br>CHIP EL 47UF 25WV<br>CHIP C 1000PF K | J3<br>K3,E5,J2<br>J3<br>K3,E5,J2<br>J3       |
| C45<br>C46<br>C46<br>C48<br>C48                                 |         |           | CK73GB1H102K<br>CC73GCH1H470J<br>CC73GCH1H470J<br>CK73GB1H471K<br>CK73GB1H471K    | CHIP C 1000PF K<br>CHIP C 47PF J<br>CHIP C 47PF J<br>CHIP C 470PF K<br>CHIP C 470PF K           | K3,E5,J2<br>J3<br>K3,E5,J2<br>J3<br>K3,E5,J2 |
| C49<br>C49<br>C51<br>C51<br>C52                                 |         |           | CE32BM1E470M<br>CE32BM1E470M<br>CK73GB1H102K<br>CK73GB1H102K<br>CC73GCH1H470J     | CHIP EL 47UF 25WV<br>CHIP EL 47UF 25WV<br>CHIP C 1000PF K<br>CHIP C 1000PF K<br>CHIP C 47PF J   | J3<br>K3,E5,J2<br>J3<br>K3,E5,J2<br>J3       |
| C52<br>C53<br>C53<br>C54<br>C54                                 |         |           | CC73GCH1H470J<br>CK73GB1H471K<br>CK73GB1H471K<br>CE32BM1E470M<br>CE32BM1E470M     | CHIP C 47PF J<br>CHIP C 470PF K<br>CHIP C 470PF K<br>CHIP EL 47UF 25WV<br>CHIP EL 47UF 25WV     | K3,E5,J2<br>J3<br>K3,E5,J2<br>J3<br>K3,E5,J2 |
| C55<br>C55<br>C56<br>C56<br>C57                                 |         |           | CK73GB1H102K<br>CK73GB1H102K<br>CC73GCH1H470J<br>CC73GCH1H470J<br>CK73GB1H471K    | CHIP C 1000PF K<br>CHIP C 1000PF K<br>CHIP C 47PF J<br>CHIP C 47PF J<br>CHIP C 470PF K          | J3<br>K3,E5,J2<br>J3<br>K3,E5,J2<br>J3       |
| C57<br>C58<br>C58<br>C59<br>C59                                 |         |           | CK73GB1H471K<br>CE32BM1E470M<br>CE32BM1E470M<br>CK73GB1H471K<br>CK73GB1H471K      | CHIP C 470PF K<br>CHIP EL 47UF 25WV<br>CHIP EL 47UF 25WV<br>CHIP C 470PF K<br>CHIP C 470PF K    | K3,E5,J2<br>J3<br>K3,E5,J2<br>J3<br>K3,E5,J2 |
| C60<br>C60<br>C61<br>C61<br>C63                                 |         |           | CK73GB1H102K<br>CK73GB1H102K<br>CC73GCH1H470J<br>CC73GCH1H470J<br>C90-4135-05     | CHIP C 1000PF K<br>CHIP C 1000PF K<br>CHIP C 47PF J<br>CHIP C 47PF J<br>ELECTRO 100UF 25WV      | J3<br>K3,E5,J2<br>J3<br>K3,E5,J2<br>J3       |
| C63<br>C64<br>C64<br>C65<br>C65                                 |         |           | C90-4135-05<br>CK73GB1H471K<br>CK73GB1H471K<br>CC73GCH1H470J<br>CC73GCH1H470J     | ELECTRO 100UF 25WV<br>CHIP C 470PF K<br>CHIP C 470PF K<br>CHIP C 47PF J<br>CHIP C 47PF J        | K3,E5,J2<br>J3<br>K3,E5,J2<br>J3<br>K3,E5,J2 |
| C66<br>C66<br>C67<br>C67<br>C68                                 |         |           | CC73GCH1H100D<br>CC73GCH1H100D<br>CC73GCH1H470J<br>CC73GCH1H470J<br>CC73GCH1H100D | CHIP C 10PF D<br>CHIP C 10PF D<br>CHIP C 47PF J<br>CHIP C 47PF J<br>CHIP C 10PF D               | J3<br>K3,E5,J2<br>J3<br>K3,E5,J2<br>J3       |

# PARTS LIST

TX-RX 3 UNIT (UT-20) (X57-607X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description      | Desti-nation | Ref. No. | Address | New parts | Parts No.     | Description          | Desti-nation |
|----------|---------|-----------|---------------|------------------|--------------|----------|---------|-----------|---------------|----------------------|--------------|
| C68      |         |           | CC73GCH1H100D | CHIP C 10PF D    | K3,E5,J2     | C116     |         |           | CC73GCH1H040C | CHIP C 4.0PF C       | K3,E5,J2     |
| C69,70   |         |           | CC73GCH1H470J | CHIP C 47PF J    | J3           | C117     |         |           | CC73GCH1H470J | CHIP C 47PF J        | J3           |
| C69,70   |         |           | CC73GCH1H470J | CHIP C 47PF J    | K3,E5,J2     | C117     |         |           | CC73GCH1H470J | CHIP C 47PF J        | K3,E5,J2     |
| C71      |         |           | CK73GB1H471K  | CHIP C 470PF K   | J3           | C118     |         |           | CC73GCH1H101J | CHIP C 100PF J       | J3           |
| C71      |         |           | CK73GB1H471K  | CHIP C 470PF K   | K3,E5,J2     | C118     |         |           | CC73GCH1H101J | CHIP C 100PF J       | K3,E5,J2     |
| C72      |         |           | CC73GCH1H470J | CHIP C 47PF J    | J3           | C119     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     | J3           |
| C72      |         |           | CC73GCH1H470J | CHIP C 47PF J    | K3,E5,J2     | C119     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     | K3,E5,J2     |
| C74      |         |           | CK73GB1H471K  | CHIP C 470PF K   | J3           | C120     |         |           | CC73GCH1H470J | CHIP C 47PF J        | J3           |
| C74      |         |           | CK73GB1H471K  | CHIP C 470PF K   | K3,E5,J2     | C120     |         |           | CC73GCH1H470J | CHIP C 47PF J        | K3,E5,J2     |
| C75      |         |           | CM73F2H470J   | CHIP C 47PF J    | J3           | C121,122 |         |           | CK73GB1H471K  | CHIP C 470PF K       | J3           |
| C75      |         |           | CM73F2H470J   | CHIP C 47PF J    | K3,E5,J2     | C121,122 |         |           | CK73GB1H471K  | CHIP C 470PF K       | K3,E5,J2     |
| C76      |         |           | CK73GB1H471K  | CHIP C 470PF K   | J3           | C123     |         |           | CC73GCH1H470J | CHIP C 47PF J        | J3           |
| C76      |         |           | CK73GB1H471K  | CHIP C 470PF K   | K3,E5,J2     | C123     |         |           | CC73GCH1H470J | CHIP C 47PF J        | K3,E5,J2     |
| C78      |         |           | CC73GCH1H470J | CHIP C 47PF J    | J3           | C124     |         |           | CC73GCH1H070B | CHIP C 7.0PF B       | J3           |
| C78      |         |           | CC73GCH1H470J | CHIP C 47PF J    | K3,E5,J2     | C124     |         |           | CC73GCH1H070B | CHIP C 7.0PF B       | K3,E5,J2     |
| C79-83   |         |           | CC73GCH1H101J | CHIP C 100PF J   | J3           | C125     |         |           | CC73GCH1H1R5B | CHIP C 1.5PF B       | J3           |
| C79-83   |         |           | CC73GCH1H101J | CHIP C 100PF J   | K3,E5,J2     | C125     |         |           | CC73GCH1H1R5B | CHIP C 1.5PF B       | K3,E5,J2     |
| C84-90   |         |           | CK73GB1H103K  | CHIP C 0.010UF K | J3           | C126     |         |           | CC73GCH1H080D | CHIP C 8.0PF D       | J3           |
| C84-90   |         |           | CK73GB1H103K  | CHIP C 0.010UF K | K3,E5,J2     | C126     |         |           | CC73GCH1H080D | CHIP C 8.0PF D       | K3,E5,J2     |
| C91      |         |           | CK73GB1H102K  | CHIP C 1000PF K  | J3           | C127     |         |           | CC73GCH1H010B | CHIP C 1.0PF B       | J3           |
| C91      |         |           | CK73GB1H102K  | CHIP C 1000PF K  | K3,E5,J2     | C127     |         |           | CC73GCH1H010B | CHIP C 1.0PF B       | K3,E5,J2     |
| C92      |         |           | CC73GCH1H070D | CHIP C 7.0PF D   | J3           | C128     |         |           | CC73GCH1H1R5B | CHIP C 1.5PF B       | J3           |
| C92      |         |           | CC73GCH1H070D | CHIP C 7.0PF D   | K3,E5,J2     | C128     |         |           | CC73GCH1H1R5B | CHIP C 1.5PF B       | K3,E5,J2     |
| C93      |         |           | CK73GB1H102K  | CHIP C 1000PF K  | J3           | C131-134 |         |           | CC73GCH1H101J | CHIP C 100PF J       | J3           |
| C93      |         |           | CK73GB1H102K  | CHIP C 1000PF K  | K3,E5,J2     | C131-134 |         |           | CC73GCH1H101J | CHIP C 100PF J       | K3,E5,J2     |
| C94      |         |           | CC73GCH1H050C | CHIP C 5.0PF C   | J3           | C135     |         |           | CC73GCH1H470J | CHIP C 47PF J        | J3           |
| C94      |         |           | CC73GCH1H050C | CHIP C 5.0PF C   | K3,E5,J2     | C135     |         |           | CC73GCH1H470J | CHIP C 47PF J        | K3,E5,J2     |
| C95      |         |           | CC73GCH1H010B | CHIP C 1.0PF B   | J3           | C136     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     | J3           |
| C95      |         |           | CC73GCH1H010B | CHIP C 1.0PF B   | K3,E5,J2     | C136     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     | K3,E5,J2     |
| C96,97   |         |           | CK73GB1H102K  | CHIP C 1000PF K  | J3           | C137     |         | *         | CS77AC1C100M  | CHIP TNTL 100UF 10WV | J3           |
| C96,97   |         |           | CK73GB1H102K  | CHIP C 1000PF K  | K3,E5,J2     | C137     |         | *         | CS77AC1C100M  | CHIP TNTL 100UF 10WV | K3,E5,J2     |
| C98      |         |           | CK73GB1C104K  | CHIP C 0.10UF K  | J3           | C138     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     | J3           |
| C98      |         |           | CK73GB1C104K  | CHIP C 0.10UF K  | K3,E5,J2     | C138     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     | K3,E5,J2     |
| C99      |         |           | CK73GB1H102K  | CHIP C 1000PF K  | J3           | C139,140 |         |           | CK73GB1H102K  | CHIP C 1000PF K      | J3           |
| C99      |         |           | CK73GB1H102K  | CHIP C 1000PF K  | K3,E5,J2     | C139,140 |         |           | CK73GB1H102K  | CHIP C 1000PF K      | K3,E5,J2     |
| C101     |         |           | CC73GCH1H020B | CHIP C 2.0PF B   | J3           | C142     |         |           | CC73GCH1H070D | CHIP C 7.0PF D       | J3           |
| C101     |         |           | CC73GCH1H020B | CHIP C 2.0PF B   | K3,E5,J2     | C142     |         |           | CC73GCH1H070D | CHIP C 7.0PF D       | K3,E5,J2     |
| C103     |         |           | CC73GCH1H010B | CHIP C 1.0PF B   | J3           | C143     |         |           | CK73GB1H102K  | CHIP C 1000PF K      | J3           |
| C103     |         |           | CC73GCH1H010B | CHIP C 1.0PF B   | K3,E5,J2     | C143     |         |           | CK73GB1H102K  | CHIP C 1000PF K      | K3,E5,J2     |
| C104     |         |           | CK73GB1H471K  | CHIP C 470PF K   | J3           | C144     |         |           | CC73GCH1H0R3B | CHIP C 0.3PF B       | J3           |
| C104     |         |           | CK73GB1H471K  | CHIP C 470PF K   | K3,E5,J2     | C144     |         |           | CC73GCH1H0R3B | CHIP C 0.3PF B       | K3,E5,J2     |
| C105     |         |           | CC73GCH1H470J | CHIP C 47PF J    | J3           | C145     |         |           | CC73GCH1H070D | CHIP C 7.0PF D       | J3           |
| C105     |         |           | CC73GCH1H470J | CHIP C 47PF J    | K3,E5,J2     | C145     |         |           | CC73GCH1H070D | CHIP C 7.0PF D       | K3,E5,J2     |
| C106     |         |           | CC73GCH1H060D | CHIP C 6.0PF D   | J3           | C147     |         | *         | CS77AC1C100M  | CHIP TNTL 100UF 10WV | J3           |
| C106     |         |           | CC73GCH1H060D | CHIP C 6.0PF D   | K3,E5,J2     | C147     |         | *         | CS77AC1C100M  | CHIP TNTL 100UF 10WV | K3,E5,J2     |
| C107     |         |           | CC73GCH1H470J | CHIP C 47PF J    | J3           | C148     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     | J3           |
| C107     |         |           | CC73GCH1H470J | CHIP C 47PF J    | K3,E5,J2     | C148     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     | K3,E5,J2     |
| C108     |         |           | CK73GB1H471K  | CHIP C 470PF K   | J3           | C149     |         |           | CK73GB1H102K  | CHIP C 1000PF K      | J3           |
| C108     |         |           | CK73GB1H471K  | CHIP C 470PF K   | K3,E5,J2     | C149     |         |           | CK73GB1H102K  | CHIP C 1000PF K      | K3,E5,J2     |
| C110     |         |           | CC73GCH1HR75B | CHIP C 0.75PF B  | J3           | C150     |         |           | CC73GCH1H470J | CHIP C 47PF J        | J3           |
| C110     |         |           | CC73GCH1HR75B | CHIP C 0.75PF B  | K3,E5,J2     | C150     |         |           | CC73GCH1H470J | CHIP C 47PF J        | K3,E5,J2     |
| C111     |         |           | CK73GB1H471K  | CHIP C 470PF K   | J3           | C151     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     | J3           |
| C111     |         |           | CK73GB1H471K  | CHIP C 470PF K   | K3,E5,J2     | C151     |         |           | CK73GB1H103K  | CHIP C 0.010UF K     | K3,E5,J2     |
| C112     |         |           | CC73GCH1H101J | CHIP C 100PF J   | J3           | C152     |         |           | CK73GB1H102K  | CHIP C 1000PF K      | J3           |
| C112     |         |           | CC73GCH1H101J | CHIP C 100PF J   | K3,E5,J2     | C152     |         |           | CK73GB1H102K  | CHIP C 1000PF K      | K3,E5,J2     |
| C113     |         |           | CC73GCH1H020B | CHIP C 2.0PF B   | J3           | C153     |         |           | CC73GCH1H070D | CHIP C 7.0PF D       | J3           |
| C113     |         |           | CC73GCH1H020B | CHIP C 2.0PF B   | K3,E5,J2     | C153     |         |           | CC73GCH1H070D | CHIP C 7.0PF D       | K3,E5,J2     |
| C114     |         |           | CC73GCH1H220J | CHIP C 22PF J    | J3           | C154     |         |           | CK73GB1H102K  | CHIP C 1000PF K      | J3           |
| C114     |         |           | CC73GCH1H220J | CHIP C 22PF J    | K3,E5,J2     | C154     |         |           | CK73GB1H102K  | CHIP C 1000PF K      | K3,E5,J2     |
| C116     |         |           | CC73GCH1H040C | CHIP C 4.0PF C   | J3           | C155,156 |         |           | CK73GB1H103K  | CHIP C 0.010UF K     | J3           |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

# PARTS LIST

## TX-RX 3 UNIT (UT-20) (X57-607X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description        | Desti-nation | Ref. No. | Address | New parts | Parts No.     | Description            | Desti-nation |
|----------|---------|-----------|---------------|--------------------|--------------|----------|---------|-----------|---------------|------------------------|--------------|
| C155,156 |         |           | CK73GB1H103K  | CHIP C 0.010UF K   | K3,E5,J2     | C307     |         |           | CC73GCH1H1R5B | CHIP C 1.5PF B         | K3,E5,J2     |
| C158     |         |           | CC73GCH1H470J | CHIP C 47PF J      | J3           | C308     |         |           | CK73GB1H471K  | CHIP C 470PF K         | J3           |
| C158     |         |           | CC73GCH1H470J | CHIP C 47PF J      | K3,E5,J2     | C308     |         |           | CK73GB1H471K  | CHIP C 470PF K         | K3,E5,J2     |
| C165     |         |           | C92-0523-05   | CHIP-ELE 10UF 16WV | J3           | C309     |         |           | CC73GCH1H060D | CHIP C 6.0PF D         | J3           |
| C165     |         |           | C92-0523-05   | CHIP-ELE 10UF 16WV | K3,E5,J2     | C309     |         |           | CC73GCH1H060D | CHIP C 6.0PF D         | K3,E5,J2     |
| C167     |         |           | CK73GB1H102K  | CHIP C 1000PF K    | J3           | C310     |         |           | CC73GCH1H101J | CHIP C 100PF J         | J3           |
| C167     |         |           | CK73GB1H102K  | CHIP C 1000PF K    | K3,E5,J2     | C310     |         |           | CC73GCH1H101J | CHIP C 100PF J         | K3,E5,J2     |
| C169     |         |           | CK73GB1H471K  | CHIP C 470PF K     | J3           | C311     |         |           | CC73GCH1H080D | CHIP C 8.0PF D         | J3           |
| C169     |         |           | CK73GB1H471K  | CHIP C 470PF K     | K3,E5,J2     | C311     |         |           | CC73GCH1H080D | CHIP C 8.0PF D         | K3,E5,J2     |
| C170,171 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | J3           | C312     |         |           | CC73GCH1H020B | CHIP C 2.0PF B         | J3           |
| C170,171 |         |           | CK73GB1H102K  | CHIP C 1000PF K    | K3,E5,J2     | C312     |         |           | CC73GCH1H020B | CHIP C 2.0PF B         | K3,E5,J2     |
| C172     |         |           | CK73GB1H103K  | CHIP C 0.010UF K   | J3           | C313     |         |           | CC73GCH1H030C | CHIP C 3.0PF C         | J3           |
| C172     |         |           | CK73GB1H103K  | CHIP C 0.010UF K   | K3,E5,J2     | C313     |         |           | CC73GCH1H030C | CHIP C 3.0PF C         | K3,E5,J2     |
| C173     |         |           | CK73GB1H102K  | CHIP C 1000PF K    | J3           | C314     |         |           | CC73GCH1H101J | CHIP C 100PF J         | J3           |
| C173     |         |           | CK73GB1H102K  | CHIP C 1000PF K    | K3,E5,J2     | C314     |         |           | CC73GCH1H101J | CHIP C 100PF J         | K3,E5,J2     |
| C174     |         |           | CK73GB1H471K  | CHIP C 470PF K     | J3           | C315     |         |           | CC73GCH1H470J | CHIP C 47PF J          | J3           |
| C174     |         |           | CK73GB1H471K  | CHIP C 470PF K     | K3,E5,J2     | C315     |         |           | CC73GCH1H470J | CHIP C 47PF J          | K3,E5,J2     |
| C176     |         |           | CE32BM1E470M  | CHIP EL 47UF 25WV  | J3           | C316     |         |           | CC73GCH1H030C | CHIP C 3.0PF C         | J3           |
| C176     |         |           | CE32BM1E470M  | CHIP EL 47UF 25WV  | K3,E5,J2     | C316     |         |           | CC73GCH1H030C | CHIP C 3.0PF C         | K3,E5,J2     |
| C178     |         |           | CK73GB1H102K  | CHIP C 1000PF K    | J3           | C317,318 |         |           | CC73GCH1H010B | CHIP C 1.0PF B         | J3           |
| C178     |         |           | CK73GB1H102K  | CHIP C 1000PF K    | K3,E5,J2     | C317,318 |         |           | CC73GCH1H010B | CHIP C 1.0PF B         | K3,E5,J2     |
| C179     |         |           | C92-0523-05   | CHIP-ELE 10UF 16WV | J3           | C319     |         |           | CC73GCH1H470J | CHIP C 47PF J          | J3           |
| C179     |         |           | C92-0523-05   | CHIP-ELE 10UF 16WV | K3,E5,J2     | C319     |         |           | CC73GCH1H470J | CHIP C 47PF J          | K3,E5,J2     |
| C180     |         |           | CK73GB1H102K  | CHIP C 1000PF K    | J3           | C320     |         |           | C92-0836-05   | ELECTRO 330UF 16WV     | J3           |
| C180     |         |           | CK73GB1H102K  | CHIP C 1000PF K    | K3,E5,J2     | C320     |         |           | C92-0836-05   | ELECTRO 330UF 16WV     | K3,E5,J2     |
| C182     |         |           | CC73GCH1H470J | CHIP C 47PF J      | J3           | C323     |         |           | CC73GCH1H470J | CHIP C 47PF J          | J3           |
| C182     |         |           | CC73GCH1H470J | CHIP C 47PF J      | K3,E5,J2     | C323     |         |           | CC73GCH1H470J | CHIP C 47PF J          | K3,E5,J2     |
| C183     |         |           | CK73GB1H471K  | CHIP C 470PF K     | J3           | C326,327 |         |           | CC73GCH1H470J | CHIP C 47PF J          | J3           |
| C183     |         |           | CK73GB1H471K  | CHIP C 470PF K     | K3,E5,J2     | C326,327 |         |           | CC73GCH1H470J | CHIP C 47PF J          | K3,E5,J2     |
| C184,185 |         |           | CC73GCH1H470J | CHIP C 47PF J      | J3           | C328,329 |         |           | CK73GB1H103K  | CHIP C 0.010UF K       | J3           |
| C184,185 |         |           | CC73GCH1H470J | CHIP C 47PF J      | K3,E5,J2     | C328,329 |         |           | CK73GB1H103K  | CHIP C 0.010UF K       | K3,E5,J2     |
| C186     |         |           | CK73GB1H471K  | CHIP C 470PF K     | J3           | C332     |         |           | CK73GB1C473K  | CHIP C 0.047UF K       | J3           |
| C186     |         |           | CK73GB1H471K  | CHIP C 470PF K     | K3,E5,J2     | C332     |         |           | CK73GB1C473K  | CHIP C 0.047UF K       | K3,E5,J2     |
| C188     |         |           | CC73GCH1H040C | CHIP C 4.0PF C     | J3           | C333,334 |         |           | CS77CA1A3R3M  | CHIP TMTL 3.3UF 10WV   | J3           |
| C188     |         |           | CC73GCH1H040C | CHIP C 4.0PF C     | K3,E5,J2     | C333,334 |         |           | CS77CA1A3R3M  | CHIP TMTL 3.3UF 10WV   | K3,E5,J2     |
| C189     |         |           | CC73GCH1H220J | CHIP C 22PF J      | J3           | C335     |         | *         | C92-0872-05   | CHIP TMTL 0.068UF 35WV | J3           |
| C189     |         |           | CC73GCH1H220J | CHIP C 22PF J      | K3,E5,J2     | C335     |         | *         | C92-0872-05   | CHIP TMTL 0.068UF 35WV | K3,E5,J2     |
| C190     |         |           | CC73GCH1H470J | CHIP C 47PF J      | J3           | C336     |         |           | CK73GB1H182K  | CHIP C 1800PF K        | J3           |
| C190     |         |           | CC73GCH1H470J | CHIP C 47PF J      | K3,E5,J2     | C336     |         |           | CK73GB1H182K  | CHIP C 1800PF K        | K3,E5,J2     |
| C191     |         |           | CC73GCH1H050C | CHIP C 5.0PF C     | J3           | C367     |         |           | CC73GCH1H101J | CHIP C 100PF J         | J3           |
| C191     |         |           | CC73GCH1H050C | CHIP C 5.0PF C     | K3,E5,J2     | C367     |         |           | CC73GCH1H101J | CHIP C 100PF J         | K3,E5,J2     |
| C192     |         |           | CK73GB1H471K  | CHIP C 470PF K     | J3           | C368,369 |         |           | CC73GCH1H020B | CHIP C 2.0PF B         | J3           |
| C192     |         |           | CK73GB1H471K  | CHIP C 470PF K     | K3,E5,J2     | C368,369 |         |           | CC73GCH1H020B | CHIP C 2.0PF B         | K3,E5,J2     |
| C193     |         |           | CC73GCH1H100D | CHIP C 10PF D      | J3           | C370-374 |         |           | CK73GB1H103K  | CHIP C 0.010UF K       | J3           |
| C193     |         |           | CC73GCH1H100D | CHIP C 10PF D      | K3,E5,J2     | C370-374 |         |           | CK73GB1H103K  | CHIP C 0.010UF K       | K3,E5,J2     |
| C194     |         |           | CK73GB1H103K  | CHIP C 0.010UF K   | J3           | C377-379 |         |           | CK73GB1H103K  | CHIP C 0.010UF K       | J3           |
| C194     |         |           | CK73GB1H103K  | CHIP C 0.010UF K   | K3,E5,J2     | C377-379 |         |           | CK73GB1H103K  | CHIP C 0.010UF K       | K3,E5,J2     |
| C195     |         |           | CC73GCH1H101J | CHIP C 100PF J     | J3           | C380     |         |           | CC73GCH1H270J | CHIP C 27PF J          | J3           |
| C195     |         |           | CC73GCH1H101J | CHIP C 100PF J     | K3,E5,J2     | C380     |         |           | CC73GCH1H270J | CHIP C 27PF J          | K3,E5,J2     |
| C301     |         |           | CK73GB1H471K  | CHIP C 470PF K     | J3           | C381,382 |         |           | CK73GB1H103K  | CHIP C 0.010UF K       | J3           |
| C301     |         |           | CK73GB1H471K  | CHIP C 470PF K     | K3,E5,J2     | C381,382 |         |           | CK73GB1H103K  | CHIP C 0.010UF K       | K3,E5,J2     |
| C302,303 |         |           | CC73GCH1H101J | CHIP C 100PF J     | J3           | C383     |         |           | CC73GCH1H080D | CHIP C 8.0PF D         | J3           |
| C302,303 |         |           | CC73GCH1H101J | CHIP C 100PF J     | K3,E5,J2     | C383     |         |           | CC73GCH1H080D | CHIP C 8.0PF D         | K3,E5,J2     |
| C304     |         |           | CC73GCH1H150J | CHIP C 15PF J      | J3           | C384-386 |         |           | CK73GB1H103K  | CHIP C 0.010UF K       | J3           |
| C304     |         |           | CC73GCH1H150J | CHIP C 15PF J      | K3,E5,J2     | C384-386 |         |           | CK73GB1H103K  | CHIP C 0.010UF K       | K3,E5,J2     |
| C305     |         |           | CK73GB1H102K  | CHIP C 1000PF K    | J3           | C387     |         |           | CK73GB1C104K  | CHIP C 0.10UF K        | J3           |
| C305     |         |           | CK73GB1H102K  | CHIP C 1000PF K    | K3,E5,J2     | C387     |         |           | CK73GB1C104K  | CHIP C 0.10UF K        | K3,E5,J2     |
| C306     |         |           | CC73GCH1H150J | CHIP C 15PF J      | J3           | C388     |         |           | CC73GCH1H330J | CHIP C 33PF J          | J3           |
| C306     |         |           | CC73GCH1H150J | CHIP C 15PF J      | K3,E5,J2     | C388     |         |           | CC73GCH1H330J | CHIP C 33PF J          | K3,E5,J2     |
| C307     |         |           | CC73GCH1H1R5B | CHIP C 1.5PF B     | J3           | C389     |         |           | CC73GCH1H050C | CHIP C 5.0PF C         | J3           |

# PARTS LIST

## TX-RX 3 UNIT (UT-20) (X57-607X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description                     | Destination | Ref. No. | Address | New parts | Parts No.   | Description                  | Destination |
|----------|---------|-----------|---------------|---------------------------------|-------------|----------|---------|-----------|-------------|------------------------------|-------------|
| C389     |         |           | CC73GCH1H050C | CHIP C 5.0PF C                  | K3,E5,J2    | -        |         |           | F10-2390-04 | SHIELDING CASE               | J3          |
| C390-393 |         |           | CK73GB1H103K  | CHIP C 0.010UF K                | J3          | -        |         |           | F10-2390-04 | SHIELDING CASE               | K3,E5,J2    |
| C390-393 |         |           | CK73GB1H103K  | CHIP C 0.010UF K                | K3,E5,J2    | -        |         |           | F10-2391-04 | SHIELDING CASE               | J3          |
| C394     |         |           | CC73GCH1H010B | CHIP C 1.0PF B                  | J3          | -        |         |           | F10-2391-04 | SHIELDING CASE               | K3,E5,J2    |
| C394     |         |           | CC73GCH1H010B | CHIP C 1.0PF B                  | K3,E5,J2    | -        |         |           | F10-2394-04 | SHIELDING CASE               | J3          |
| C395,396 |         |           | CC73GCH1H180J | CHIP C 18PF J                   | J3          | -        |         |           | F10-2394-04 | SHIELDING CASE               | K3,E5,J2    |
| C395,396 |         |           | CC73GCH1H180J | CHIP C 18PF J                   | K3,E5,J2    | -        |         |           | F10-2396-03 | SHIELDING COVER              | J3          |
| C397     |         |           | CK73GB1H103K  | CHIP C 0.010UF K                | J3          | -        |         |           | F10-2396-03 | SHIELDING COVER              | K3,E5,J2    |
| C397     |         |           | CK73GB1H103K  | CHIP C 0.010UF K                | K3,E5,J2    |          |         |           |             |                              |             |
| C398     |         |           | CC73GCH1H330J | CHIP C 33PF J                   | J3          | 511      | 3C      |           | G10-1218-04 | FIBROUS SHEET                | J3          |
|          |         |           |               |                                 |             | 511      | 3C      |           | G10-1218-04 | FIBROUS SHEET                | K3,E5,J2    |
| C398     |         |           | CC73GCH1H330J | CHIP C 33PF J                   | K3,E5,J2    |          |         |           |             |                              |             |
| C399-401 |         |           | CK73GB1H103K  | CHIP C 0.010UF K                | J3          | 512      | 3B      |           | J21-8401-04 | HARDWARE FIXTURE             | J3          |
| C399-401 |         |           | CK73GB1H103K  | CHIP C 0.010UF K                | K3,E5,J2    | 512      | 3B      |           | J21-8401-04 | HARDWARE FIXTURE             | K3,E5,J2    |
| C402     |         |           | CC73GCH1H010B | CHIP C 1.0PF B                  | J3          | -        |         |           | J61-0307-05 | BAND                         | J3          |
| C402     |         |           | CC73GCH1H010B | CHIP C 1.0PF B                  | K3,E5,J2    | -        |         |           | J61-0307-05 | BAND                         | K3,E5,J2    |
| C403     |         |           | CC73GCH1H030C | CHIP C 3.0PF C                  | J3          | CF1,2    |         | *         | L72-1026-05 | CERAMIC FILTER (8.4MHz)      | J3          |
| C403     |         |           | CC73GCH1H030C | CHIP C 3.0PF C                  | K3,E5,J2    | CF1,2    |         | *         | L72-1026-05 | CERAMIC FILTER (8.4MHz)      | K3,E5,J2    |
| C404     |         |           | CK73GB1H102K  | CHIP C 1000PF K                 | J3          | L1       |         |           | L92-0158-05 | CHIP FERRITE                 | J3          |
| C404     |         |           | CK73GB1H102K  | CHIP C 1000PF K                 | K3,E5,J2    | L1       |         |           | L92-0158-05 | CHIP FERRITE                 | K3,E5,J2    |
| C409     |         |           | CC73GCH1H010B | CHIP C 1.0PF B                  | J3          | L2       |         | *         | L34-4838-05 | COIL                         | J3          |
| C409     |         |           | CC73GCH1H010B | CHIP C 1.0PF B                  | K3,E5,J2    | L2       |         | *         | L34-4838-05 | COIL                         | K3,E5,J2    |
| C500-502 |         |           | CK73GB1E104K  | CHIP C 0.10UF K                 | J3          | L3       |         | *         | L34-4845-05 | COIL                         | J3          |
| C500-502 |         |           | CK73GB1E104K  | CHIP C 0.10UF K                 | K3,E5,J2    | L3       |         | *         | L34-4845-05 | COIL                         | K3,E5,J2    |
| C503     |         |           | C90-4116-05   | ELECTRO 22UF 16VV               | J3          | L4       |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)   | J3          |
| C503     |         |           | C90-4116-05   | ELECTRO 22UF 16VV               | K3,E5,J2    | L4       |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)   | K3,E5,J2    |
| TC301    |         |           | C05-0393-05   | CERAMIC TRIMMER CAPACITOR (8PF) | J3          | L5       |         | *         | L34-4845-05 | COIL                         | J3          |
| TC301    |         |           | C05-0393-05   | CERAMIC TRIMMER CAPACITOR (8PF) | K3,E5,J2    | L5       |         | *         | L34-4845-05 | COIL                         | K3,E5,J2    |
| -        |         |           | E23-0433-05   | EARTH LUG                       | J3          | L7,8     |         | *         | L39-1515-05 | TOROIDAL COIL                | J3          |
| -        |         |           | E23-0433-05   | EARTH LUG                       | K3,E5,J2    | L7,8     |         | *         | L39-1515-05 | TOROIDAL COIL                | K3,E5,J2    |
| 501      | 3B      | *         | E30-3457-15   | ANTENNA CABLE                   | J3          | L9       |         | *         | L34-4844-05 | COIL                         | J3          |
| 501      | 3B      | *         | E30-3457-15   | ANTENNA CABLE                   | K3,E5,J2    | L9       |         | *         | L34-4844-05 | COIL                         | K3,E5,J2    |
| W2       |         |           | E37-0894-05   | LEAD WIRE WITH TERMINAL         | J3          | L10      |         | *         | L79-1877-05 | DIELECTRIC FILTER            | J3          |
|          |         |           |               |                                 |             | L10      |         | *         | L79-1877-05 | DIELECTRIC FILTER            | K3,E5,J2    |
| W2       |         |           | E37-0894-05   | LEAD WIRE WITH TERMINAL         | K3,E5,J2    | L11      |         |           | L40-1075-92 | SMALL FIXED INDUCTOR (10NH)  | J3          |
| W3       |         |           | E37-0895-05   | LEAD WIRE WITH TERMINAL         | J3          | L11      |         |           | L40-1075-92 | SMALL FIXED INDUCTOR (10NH)  | K3,E5,J2    |
| W3       |         |           | E37-0895-05   | LEAD WIRE WITH TERMINAL         | K3,E5,J2    |          |         |           |             |                              |             |
| 504      | 3C      |           | E37-0943-05   | LEAD WIRE WITH MINIPIN PLUG     | J3          | L12      |         | *         | L79-1877-05 | DIELECTRIC FILTER            | J3          |
| 504      | 3C      |           | E37-0943-05   | LEAD WIRE WITH MINIPIN PLUG     | K3,E5,J2    | L12      |         | *         | L79-1877-05 | DIELECTRIC FILTER            | K3,E5,J2    |
| CN1      |         |           | E40-6525-05   | PIN ASSY                        | J3          | L13      |         |           | L92-0158-05 | CHIP FERRITE                 | J3          |
| CN1      |         |           | E40-6525-05   | PIN ASSY                        | K3,E5,J2    | L13      |         |           | L92-0158-05 | CHIP FERRITE                 | K3,E5,J2    |
| CN5      |         | *         | E40-6527-05   | PIN ASSY                        | J3          | L17-19   |         |           | L92-0158-05 | CHIP FERRITE                 | J3          |
| CN5      |         | *         | E40-6527-05   | PIN ASSY                        | K3,E5,J2    | L17-19   |         |           | L92-0158-05 | CHIP FERRITE                 | K3,E5,J2    |
| CN6      |         |           | E40-5978-05   | FLAT CABLE CONNECTOR            | J3          | L20,21   |         |           | L92-0403-05 | CHIP FERRITE                 | J3          |
|          |         |           |               |                                 |             | L20,21   |         |           | L92-0403-05 | CHIP FERRITE                 | K3,E5,J2    |
| CN6      |         |           | E40-5978-05   | FLAT CABLE CONNECTOR            | K3,E5,J2    | L22      |         | *         | L34-4838-05 | COIL                         | J3          |
| CN7,8    |         |           | E04-0428-05   | PIN SOCKET                      | J3          | L22      |         | *         | L34-4838-05 | COIL                         | K3,E5,J2    |
| CN7,8    |         |           | E04-0428-05   | PIN SOCKET                      | K3,E5,J2    |          |         |           |             |                              |             |
| CN9      |         |           | E04-0190-05   | PIN SOCKET                      | J3          | L23      |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)   | J3          |
| CN9      |         |           | E04-0190-05   | PIN SOCKET                      | K3,E5,J2    | L23      |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)   | K3,E5,J2    |
| CN11-16  |         |           | E04-0428-05   | PIN SOCKET                      | J3          | L24      |         | *         | L34-4844-05 | COIL                         | J3          |
| CN11-16  |         |           | E04-0428-05   | PIN SOCKET                      | K3,E5,J2    | L24      |         | *         | L34-4844-05 | COIL                         | K3,E5,J2    |
| W51      |         | *         | E37-1373-05   | LEAD WIRE (BLU)                 | J3          | L25      |         | *         | L34-4845-05 | COIL                         | J3          |
| W51      |         | *         | E37-1373-05   | LEAD WIRE (BLU)                 | K3,E5,J2    | L25      |         | *         | L34-4845-05 | COIL                         | K3,E5,J2    |
| W52      |         | *         | E37-1375-05   | LEAD WIRE (RED)                 | J3          | L26-28   |         | *         | L34-4843-05 | COIL                         | J3          |
|          |         |           |               |                                 |             | L26-28   |         | *         | L34-4843-05 | COIL                         | K3,E5,J2    |
| W52      |         | *         | E37-1375-05   | LEAD WIRE (RED)                 | K3,E5,J2    | L29      |         | *         | L34-4844-05 | COIL                         | J3          |
| W53      |         | *         | E37-1374-05   | LEAD WIRE (PUR)                 | J3          | L29      |         | *         | L34-4844-05 | COIL                         | K3,E5,J2    |
| W53      |         | *         | E37-1374-05   | LEAD WIRE (PUR)                 | K3,E5,J2    |          |         |           |             |                              |             |
| -        |         |           | F10-2367-04   | SHIELDING COVER                 | J3          | L30      |         | *         | L79-1874-05 | DIELECTRIC FILTER            | J3          |
| -        |         |           | F10-2367-04   | SHIELDING COVER                 | K3,E5,J2    | L30      |         | *         | L79-1874-05 | DIELECTRIC FILTER            | K3,E5,J2    |
| 506      | 3C      |           | F10-2368-03   | SHIELDING PLATE                 | J3          | L31      |         |           | L40-8265-92 | SMALL FIXED INDUCTOR (8.2NH) | J3          |
| 506      | 3C      |           | F10-2368-03   | SHIELDING PLATE                 | K3,E5,J2    | L31      |         |           | L40-8265-92 | SMALL FIXED INDUCTOR (8.2NH) | K3,E5,J2    |
|          |         |           |               |                                 |             | L32      |         |           | L40-6865-92 | SMALL FIXED INDUCTOR (6.8NH) | J3          |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

# PARTS LIST

## TX-RX 3 UNIT (UT-20) (X57-607X-XX)

| Ref. No. | Address | New parts | Parts No.   | Description                  | Destination | Ref. No. | Address | New parts | Parts No.    | Description                  | Destination |
|----------|---------|-----------|-------------|------------------------------|-------------|----------|---------|-----------|--------------|------------------------------|-------------|
| L32      |         |           | L40-6865-92 | SMALL FIXED INDUCTOR (6.8NH) | K3,E5,J2    | L336     |         |           | L40-2285-92  | SMALL FIXED INDUCTOR (220NH) | K3,E5,J2    |
| L33      |         | *         | L79-1876-05 | DIELECTRIC FILTER            | J3          | L337     |         |           | L40-5663-92  | SMALL FIXED INDUCTOR (5.6NH) | J3          |
| L33      |         | *         | L79-1876-05 | DIELECTRIC FILTER            | K3,E5,J2    | L337     |         |           | L40-5663-92  | SMALL FIXED INDUCTOR (5.6NH) | K3,E5,J2    |
| L34      |         |           | L40-1075-92 | SMALL FIXED INDUCTOR (10NH)  | J3          | L338     |         | *         | L34-4817-05  | COIL                         | J3          |
| L34      |         |           | L40-1075-92 | SMALL FIXED INDUCTOR (10NH)  | K3,E5,J2    | L338     |         | *         | L34-4817-05  | COIL                         | K3,E5,J2    |
| L35      |         |           | L40-5663-92 | SMALL FIXED INDUCTOR (5.6NH) | J3          | L339     |         | *         | L34-4826-05  | COIL                         | J3          |
| L35      |         |           | L40-5663-92 | SMALL FIXED INDUCTOR (5.6NH) | K3,E5,J2    | L339     |         | *         | L34-4826-05  | COIL                         | K3,E5,J2    |
| L36      |         |           | L40-2263-92 | SMALL FIXED INDUCTOR (2.2NH) | J3          | L340-342 |         | *         | L34-4846-05  | COIL                         | J3          |
| L36      |         |           | L40-2263-92 | SMALL FIXED INDUCTOR (2.2NH) | K3,E5,J2    | L340-342 |         | *         | L34-4846-05  | COIL                         | K3,E5,J2    |
| L37      |         |           | L40-6865-92 | SMALL FIXED INDUCTOR (6.8NH) | J3          | L343     |         |           | L41-1005-33  | SMALL FIXED INDUCTOR (10UH)  | J3          |
| L37      |         |           | L40-6865-92 | SMALL FIXED INDUCTOR (6.8NH) | K3,E5,J2    | L343     |         |           | L41-1005-33  | SMALL FIXED INDUCTOR (10UH)  | K3,E5,J2    |
| L38      |         |           | L40-5663-92 | SMALL FIXED INDUCTOR (5.6NH) | J3          | L344     |         | *         | L41-4705-39  | SMALL FIXED INDUCTOR (47U)   | J3          |
| L38      |         |           | L40-5663-92 | SMALL FIXED INDUCTOR (5.6NH) | K3,E5,J2    | L344     |         | *         | L41-4705-39  | SMALL FIXED INDUCTOR (47U)   | K3,E5,J2    |
| L39      |         | *         | L41-1085-39 | SMALL FIXED INDUCTOR (0.1U)  | J3          | L345     |         |           | L41-1005-33  | SMALL FIXED INDUCTOR (10UH)  | J3          |
| L39      |         | *         | L41-1085-39 | SMALL FIXED INDUCTOR (0.1U)  | K3,E5,J2    | L345     |         |           | L41-1005-33  | SMALL FIXED INDUCTOR (10UH)  | K3,E5,J2    |
| L40,41   |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)   | J3          | L346     |         |           | L40-1085-92  | SMALL FIXED INDUCTOR (100NH) | J3          |
| L40,41   |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)   | K3,E5,J2    | L346     |         |           | L40-1085-92  | SMALL FIXED INDUCTOR (100NH) | K3,E5,J2    |
| L42,43   |         | *         | L34-4844-05 | COIL                         | J3          | L347     |         |           | L40-4763-92  | SMALL FIXED INDUCTOR (4.7NH) | J3          |
| L42,43   |         | *         | L34-4844-05 | COIL                         | K3,E5,J2    | L347     |         |           | L40-4763-92  | SMALL FIXED INDUCTOR (4.7NH) | K3,E5,J2    |
| L44      |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)   | J3          | L348     |         |           | L40-5663-92  | SMALL FIXED INDUCTOR (5.6NH) | J3          |
| L44      |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)   | K3,E5,J2    | L348     |         |           | L40-5663-92  | SMALL FIXED INDUCTOR (5.6NH) | K3,E5,J2    |
| L45      |         | *         | L34-4844-05 | COIL                         | J3          | L349     |         |           | L40-1875-92  | SMALL FIXED INDUCTOR (18NH)  | J3          |
| L45      |         | *         | L34-4844-05 | COIL                         | K3,E5,J2    | L349     |         |           | L40-1875-92  | SMALL FIXED INDUCTOR (18NH)  | K3,E5,J2    |
| L49-51   |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)   | J3          | XF1      |         | *         | L71-0575-15  | MCF                          | J3          |
| L49-51   |         |           | L41-1005-39 | SMALL FIXED INDUCTOR (10U)   | K3,E5,J2    | XF1      |         | *         | L71-0575-15  | MCF                          | K3,E5,J2    |
| L52      |         | *         | L79-1875-05 | DIELECTRIC FILTER            | J3          | XF2      |         |           | L71-0576-05  | MCF                          | J3          |
| L52      |         | *         | L79-1875-05 | DIELECTRIC FILTER            | K3,E5,J2    | XF2      |         |           | L71-0576-05  | MCF                          | K3,E5,J2    |
| L301     |         |           | L40-1085-92 | SMALL FIXED INDUCTOR (100NH) | J3          | P        | 3C      |           | N30-2606-48  | PAN HEAD MACHINE SCREW       | J3          |
| L301     |         |           | L40-1085-92 | SMALL FIXED INDUCTOR (100NH) | K3,E5,J2    | P        | 3C      |           | N30-2606-48  | PAN HEAD MACHINE SCREW       | K3,E5,J2    |
| L302     |         |           | L40-1278-60 | SMALL FIXED INDUCTOR (12NH)  | J3          | -        |         |           | N67-2608-48  | PAN HEAD SEMS SCREW          | J3          |
| L302     |         |           | L40-1278-60 | SMALL FIXED INDUCTOR (12NH)  | K3,E5,J2    | -        |         |           | N67-2608-48  | PAN HEAD SEMS SCREW          | K3,E5,J2    |
| L303,304 |         |           | L40-1085-92 | SMALL FIXED INDUCTOR (100NH) | J3          | R        | 3C      |           | N87-2606-48  | BRAZIER HEAD TAPTITE SCREW   | J3          |
| L303,304 |         |           | L40-1085-92 | SMALL FIXED INDUCTOR (100NH) | K3,E5,J2    | R        | 3C      |           | N87-2606-48  | BRAZIER HEAD TAPTITE SCREW   | K3,E5,J2    |
| L305,306 |         |           | L40-2275-92 | SMALL FIXED INDUCTOR (22NH)  | J3          |          |         |           |              |                              |             |
| L305,306 |         |           | L40-2275-92 | SMALL FIXED INDUCTOR (22NH)  | K3,E5,J2    |          |         |           |              |                              |             |
| L307     |         |           | L40-1875-92 | SMALL FIXED INDUCTOR (18NH)  | J3          | CP1,2    |         |           | RK74GB1J101J | CHIP-COM 100 J 1/16W         | J3          |
| L307     |         |           | L40-1875-92 | SMALL FIXED INDUCTOR (18NH)  | K3,E5,J2    | CP1,2    |         |           | RK74GB1J101J | CHIP-COM 100 J 1/16W         | K3,E5,J2    |
| L308     |         |           | L40-8265-92 | SMALL FIXED INDUCTOR (8.2NH) | J3          | R2,3     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W          | J3          |
| L308     |         |           | L40-8265-92 | SMALL FIXED INDUCTOR (8.2NH) | K3,E5,J2    | R2,3     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W          | K3,E5,J2    |
| L309     |         |           | L40-2275-92 | SMALL FIXED INDUCTOR (22NH)  | J3          | R4       |         |           | RK73GB2A103J | CHIP R 10K J 1/10W           | J3          |
| L309     |         |           | L40-2275-92 | SMALL FIXED INDUCTOR (22NH)  | K3,E5,J2    | R4       |         |           | RK73GB2A103J | CHIP R 10K J 1/10W           | K3,E5,J2    |
| L310     |         |           | L40-5663-92 | SMALL FIXED INDUCTOR (5.6NH) | J3          | R5       |         |           | RK73GB2A273J | CHIP R 27K J 1/10W           | J3          |
| L310     |         |           | L40-5663-92 | SMALL FIXED INDUCTOR (5.6NH) | K3,E5,J2    | R5       |         |           | RK73GB2A273J | CHIP R 27K J 1/10W           | K3,E5,J2    |
| L312     |         |           | L40-4763-92 | SMALL FIXED INDUCTOR (4.7NH) | J3          | R6       |         |           | RK73GB2A100J | CHIP R 10 J 1/10W            | J3          |
| L312     |         |           | L40-4763-92 | SMALL FIXED INDUCTOR (4.7NH) | K3,E5,J2    | R6       |         |           | RK73GB2A100J | CHIP R 10 J 1/10W            | K3,E5,J2    |
| L315     |         |           | L40-4763-92 | SMALL FIXED INDUCTOR (4.7NH) | J3          | R7       |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W          | J3          |
| L315     |         |           | L40-4763-92 | SMALL FIXED INDUCTOR (4.7NH) | K3,E5,J2    | R7       |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W          | K3,E5,J2    |
| L318,319 |         |           | L40-2275-92 | SMALL FIXED INDUCTOR (22NH)  | J3          | R8,9     |         |           | RK73GB2A680J | CHIP R 68 J 1/10W            | J3          |
| L318,319 |         |           | L40-2275-92 | SMALL FIXED INDUCTOR (22NH)  | K3,E5,J2    | R8,9     |         |           | RK73GB2A680J | CHIP R 68 J 1/10W            | K3,E5,J2    |
| L320,321 |         | *         | L34-4843-05 | COIL                         | J3          | R10      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W           | J3          |
| L320,321 |         | *         | L34-4843-05 | COIL                         | K3,E5,J2    | R10      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W           | K3,E5,J2    |
| L322     |         |           | L40-8265-92 | SMALL FIXED INDUCTOR (8.2NH) | J3          | R11      |         |           | RK73GB2A273J | CHIP R 27K J 1/10W           | J3          |
| L322     |         |           | L40-8265-92 | SMALL FIXED INDUCTOR (8.2NH) | K3,E5,J2    | R11      |         |           | RK73GB2A273J | CHIP R 27K J 1/10W           | K3,E5,J2    |
| L323     |         | *         | L41-1595-39 | SMALL FIXED INDUCTOR (1.5U)  | J3          | R12,13   |         |           | RK73GB2A330J | CHIP R 33 J 1/10W            | J3          |
| L323     |         | *         | L41-1595-39 | SMALL FIXED INDUCTOR (1.5U)  | K3,E5,J2    | R12,13   |         |           | RK73GB2A330J | CHIP R 33 J 1/10W            | K3,E5,J2    |
| L332     |         |           | L92-0158-05 | CHIP FERRITE                 | J3          | R14,15   |         |           | RK73GB2A331J | CHIP R 330 J 1/10W           | J3          |
| L332     |         |           | L92-0158-05 | CHIP FERRITE                 | K3,E5,J2    | R14,15   |         |           | RK73GB2A331J | CHIP R 330 J 1/10W           | K3,E5,J2    |
| L333     |         |           | L92-0403-05 | CHIP FERRITE                 | J3          | R16      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W           | J3          |
| L333     |         |           | L92-0403-05 | CHIP FERRITE                 | K3,E5,J2    | R16      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W           | K3,E5,J2    |
| L336     |         |           | L40-2285-92 | SMALL FIXED INDUCTOR (220NH) | J3          | R17      |         |           | RK73GB2A271J | CHIP R 270 J 1/10W           | J3          |

# PARTS LIST

## TX-RX 3 UNIT (UT-20) (X57-607X-XX)

| Ref. No. | Address | New parts | Parts No.    | Description          | Desti-nation | Ref. No. | Address | New parts | Parts No.    | Description          | Desti-nation |
|----------|---------|-----------|--------------|----------------------|--------------|----------|---------|-----------|--------------|----------------------|--------------|
| R17      |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   | K3,E5,J2     | R51      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2     |
| R18      |         |           | RK73GB2A180J | CHIP R 18 J 1/10W    | J3           | R52      |         |           | RK73GB2A821J | CHIP R 820 J 1/10W   | J3           |
| R18      |         |           | RK73GB2A180J | CHIP R 18 J 1/10W    | K3,E5,J2     | R52      |         |           | RK73GB2A821J | CHIP R 820 J 1/10W   | K3,E5,J2     |
| R19      |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   | J3           | R53      |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W  | J3           |
| R19      |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   | K3,E5,J2     | R53      |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W  | K3,E5,J2     |
| R20      |         |           | RK73GB2A471J | CHIP R 470 J 1/10W   | J3           | R54      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | J3           |
| R20      |         |           | RK73GB2A471J | CHIP R 470 J 1/10W   | K3,E5,J2     | R54      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2     |
| R21      |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   | J3           | R55      |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  | J3           |
| R21      |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   | K3,E5,J2     | R55      |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  | K3,E5,J2     |
| R22      |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W  | J3           | R56      |         |           | RK73GB2A680J | CHIP R 68 J 1/10W    | J3           |
| R22      |         |           | RK73GB2A272J | CHIP R 2.7K J 1/10W  | K3,E5,J2     | R56      |         |           | RK73GB2A680J | CHIP R 68 J 1/10W    | K3,E5,J2     |
| R23      |         |           | RK73GB2A180J | CHIP R 18 J 1/10W    | J3           | R57,58   |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  | J3           |
| R23      |         |           | RK73GB2A180J | CHIP R 18 J 1/10W    | K3,E5,J2     | R57,58   |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  | K3,E5,J2     |
| R24      |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  | J3           | R59      |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | J3           |
| R24      |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  | K3,E5,J2     | R59      |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | K3,E5,J2     |
| R25      |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   | J3           | R60      |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W  | J3           |
| R25      |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   | K3,E5,J2     | R60      |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W  | K3,E5,J2     |
| R26      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W    | J3           | R61      |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | J3           |
| R26      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W    | K3,E5,J2     | R61      |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | K3,E5,J2     |
| R27      |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  | J3           | R62,63   |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  | J3           |
| R27      |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  | K3,E5,J2     | R62,63   |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  | K3,E5,J2     |
| R28      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | J3           | R64      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | J3           |
| R28      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2     | R64      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2     |
| R29      |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   | J3           | R65      |         |           | RK73GB2A471J | CHIP R 470 J 1/10W   | J3           |
| R29      |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   | K3,E5,J2     | R65      |         |           | RK73GB2A471J | CHIP R 470 J 1/10W   | K3,E5,J2     |
| R30      |         |           | RK73GB2A390J | CHIP R 39 J 1/10W    | J3           | R66      |         |           | RK73GB2A474J | CHIP R 470K J 1/10W  | J3           |
| R30      |         |           | RK73GB2A390J | CHIP R 39 J 1/10W    | K3,E5,J2     | R66      |         |           | RK73GB2A474J | CHIP R 470K J 1/10W  | K3,E5,J2     |
| R31      |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   | J3           | R67      |         |           | RK73GB2A823J | CHIP R 82K J 1/10W   | J3           |
| R31      |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   | K3,E5,J2     | R67      |         |           | RK73GB2A823J | CHIP R 82K J 1/10W   | K3,E5,J2     |
| R32      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | J3           | R68      |         |           | RK73GB2A273J | CHIP R 27K J 1/10W   | J3           |
| R32      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2     | R68      |         |           | RK73GB2A273J | CHIP R 27K J 1/10W   | K3,E5,J2     |
| R34      |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | J3           | R70      |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    | J3           |
| R34      |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | K3,E5,J2     | R70      |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    | K3,E5,J2     |
| R35      |         |           | RK73GB2A680J | CHIP R 68 J 1/10W    | J3           | R71      |         |           | RK73GB2A221J | CHIP R 220 J 1/10W   | J3           |
| R35      |         |           | RK73GB2A680J | CHIP R 68 J 1/10W    | K3,E5,J2     | R71      |         |           | RK73GB2A221J | CHIP R 220 J 1/10W   | K3,E5,J2     |
| R36      |         |           | RK73GB2A121J | CHIP R 120 J 1/10W   | J3           | R72      |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   | J3           |
| R36      |         |           | RK73GB2A121J | CHIP R 120 J 1/10W   | K3,E5,J2     | R72      |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   | K3,E5,J2     |
| R37      |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W  | J3           | R73      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W    | J3           |
| R37      |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W  | K3,E5,J2     | R73      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W    | K3,E5,J2     |
| R38,39   |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    | J3           | R74      |         |           | RK73GB2A180J | CHIP R 18 J 1/10W    | J3           |
| R38,39   |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    | K3,E5,J2     | R74      |         |           | RK73GB2A180J | CHIP R 18 J 1/10W    | K3,E5,J2     |
| R40      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | J3           | R75      |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   | J3           |
| R40      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2     | R75      |         |           | RK73GB2A271J | CHIP R 270 J 1/10W   | K3,E5,J2     |
| R41      |         |           | RK73GB2A680J | CHIP R 68 J 1/10W    | J3           | R76,77   |         |           | RK73GB2A221J | CHIP R 220 J 1/10W   | J3           |
| R41      |         |           | RK73GB2A680J | CHIP R 68 J 1/10W    | K3,E5,J2     | R76,77   |         |           | RK73GB2A221J | CHIP R 220 J 1/10W   | K3,E5,J2     |
| R42      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | J3           | R78      |         |           | RK73GB2A333J | CHIP R 33K J 1/10W   | J3           |
| R42      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2     | R78      |         |           | RK73GB2A333J | CHIP R 33K J 1/10W   | K3,E5,J2     |
| R43      |         |           | RK73RB2H180J | CHIP R 18 J 1/2W     | J3           | R79,80   |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   | J3           |
| R43      |         |           | RK73RB2H180J | CHIP R 18 J 1/2W     | K3,E5,J2     | R79,80   |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   | K3,E5,J2     |
| R45      |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W  | J3           | R81      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | J3           |
| R45      |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W  | K3,E5,J2     | R81      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2     |
| R46      |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W  | J3           | R82      |         |           | RK73GB2A820J | CHIP R 82 J 1/10W    | J3           |
| R46      |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W  | K3,E5,J2     | R82      |         |           | RK73GB2A820J | CHIP R 82 J 1/10W    | K3,E5,J2     |
| R47      |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W  | J3           | R83      |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    | J3           |
| R47      |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W  | K3,E5,J2     | R83      |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    | K3,E5,J2     |
| R48      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   | J3           | R85      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W    | J3           |
| R48      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   | K3,E5,J2     | R85      |         |           | RK73GB2A330J | CHIP R 33 J 1/10W    | K3,E5,J2     |
| R50      |         |           | RK73RB2H181J | CHIP R 180 J 1/2W    | J3           | R86      |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   | J3           |
| R50      |         |           | RK73RB2H181J | CHIP R 180 J 1/2W    | K3,E5,J2     | R86      |         |           | RK73GB2A473J | CHIP R 47K J 1/10W   | K3,E5,J2     |
| R51      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | J3           | R87      |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  | J3           |
| R51      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2     | R87      |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  | K3,E5,J2     |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

# PARTS LIST

## TX-RX 3 UNIT (UT-20) (X57-607X-XX)

| Ref. No. | Address | New parts | Parts No.    | Description         | Desti-nation | Ref. No. | Address | New parts | Parts No.    | Description          | Desti-nation |
|----------|---------|-----------|--------------|---------------------|--------------|----------|---------|-----------|--------------|----------------------|--------------|
| R87      |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W | K3,E5,J2     | R126     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2     |
| R88      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  | J3           | R127     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | J3           |
| R88      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  | K3,E5,J2     | R127     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | K3,E5,J2     |
| R89      |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W | J3           | R130     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  | J3           |
| R89      |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W | K3,E5,J2     | R130     |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W  | K3,E5,J2     |
| R90      |         |           | RK73GB2A470J | CHIP R 47 J 1/10W   | J3           | R131     |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W  | J3           |
| R90      |         |           | RK73GB2A470J | CHIP R 47 J 1/10W   | K3,E5,J2     | R131     |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W  | K3,E5,J2     |
| R91      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  | J3           | R132     |         |           | RK73GB2A180J | CHIP R 18 J 1/10W    | J3           |
| R91      |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  | K3,E5,J2     | R132     |         |           | RK73GB2A180J | CHIP R 18 J 1/10W    | K3,E5,J2     |
| R92      |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W | J3           | R133     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    | J3           |
| R92      |         |           | RK73GB2A472J | CHIP R 4.7K J 1/10W | K3,E5,J2     | R133     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    | K3,E5,J2     |
| R93      |         |           | RK73GB2A823J | CHIP R 82K J 1/10W  | J3           | R134     |         |           | RK73GB2A561J | CHIP R 560 J 1/10W   | J3           |
| R93      |         |           | RK73GB2A823J | CHIP R 82K J 1/10W  | K3,E5,J2     | R134     |         |           | RK73GB2A561J | CHIP R 560 J 1/10W   | K3,E5,J2     |
| R94      |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  | J3           | R135     |         |           | RK73GB2A560J | CHIP R 56 J 1/10W    | J3           |
| R94      |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  | K3,E5,J2     | R135     |         |           | RK73GB2A560J | CHIP R 56 J 1/10W    | K3,E5,J2     |
| R95      |         |           | RK73GB2A561J | CHIP R 560 J 1/10W  | J3           | R140,141 |         |           | RK73FB2B820J | CHIP R 82 J 1/8W     | J3           |
| R95      |         |           | RK73GB2A561J | CHIP R 560 J 1/10W  | K3,E5,J2     | R140,141 |         |           | RK73FB2B820J | CHIP R 82 J 1/8W     | K3,E5,J2     |
| R96      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  | J3           | R301     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W   | J3           |
| R96      |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  | K3,E5,J2     | R301     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W   | K3,E5,J2     |
| R97      |         |           | RK73GB2A270J | CHIP R 27 J 1/10W   | J3           | R302     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    | J3           |
| R97      |         |           | RK73GB2A270J | CHIP R 27 J 1/10W   | K3,E5,J2     | R302     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    | K3,E5,J2     |
| R98      |         |           | RK73GB2A560J | CHIP R 56 J 1/10W   | J3           | R303     |         |           | RK73GB2A121J | CHIP R 120 J 1/10W   | J3           |
| R98      |         |           | RK73GB2A560J | CHIP R 56 J 1/10W   | K3,E5,J2     | R303     |         |           | RK73GB2A121J | CHIP R 120 J 1/10W   | K3,E5,J2     |
| R99      |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W | J3           | R304     |         |           | RK73GB2A100J | CHIP R 10 J 1/10W    | J3           |
| R99      |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W | K3,E5,J2     | R304     |         |           | RK73GB2A100J | CHIP R 10 J 1/10W    | K3,E5,J2     |
| R100     |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W | J3           | R305     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   | J3           |
| R100     |         |           | RK73GB2A152J | CHIP R 1.5K J 1/10W | K3,E5,J2     | R305     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   | K3,E5,J2     |
| R101     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W | J3           | R306     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W  | J3           |
| R101     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W | K3,E5,J2     | R306     |         |           | RK73GB2A332J | CHIP R 3.3K J 1/10W  | K3,E5,J2     |
| R102     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W  | J3           | R307     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    | J3           |
| R102     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W  | K3,E5,J2     | R307     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    | K3,E5,J2     |
| R103     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  | J3           | R309,310 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | J3           |
| R103     |         |           | RK73GB2A471J | CHIP R 470 J 1/10W  | K3,E5,J2     | R309,310 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | K3,E5,J2     |
| R104,105 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  | J3           | R311     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   | J3           |
| R104,105 |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  | K3,E5,J2     | R311     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   | K3,E5,J2     |
| R106     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  | J3           | R312     |         |           | RK73GB2A823J | CHIP R 82K J 1/10W   | J3           |
| R106     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W  | K3,E5,J2     | R312     |         |           | RK73GB2A823J | CHIP R 82K J 1/10W   | K3,E5,J2     |
| R108     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W | J3           | R314,315 |         |           | RK73GB2A000J | CHIP R 0.0 J 1/10W   | J3           |
| R108     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W | K3,E5,J2     | R314,315 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | K3,E5,J2     |
| R111     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  | J3           | R318     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  | J3           |
| R111     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  | K3,E5,J2     | R318     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  | K3,E5,J2     |
| R112     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W | J3           | R319     |         |           | RK73GB2A823J | CHIP R 82K J 1/10W   | J3           |
| R112     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W | K3,E5,J2     | R319     |         |           | RK73GB2A823J | CHIP R 82K J 1/10W   | K3,E5,J2     |
| R117     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W  | J3           | R321     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | J3           |
| R117     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W  | K3,E5,J2     | R321     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2     |
| R118     |         |           | RK73GB2A180J | CHIP R 18 J 1/10W   | J3           | R322     |         |           | RK73GB2A821J | CHIP R 820 J 1/10W   | J3           |
| R118     |         |           | RK73GB2A180J | CHIP R 18 J 1/10W   | K3,E5,J2     | R322     |         |           | RK73GB2A821J | CHIP R 820 J 1/10W   | K3,E5,J2     |
| R119,120 |         |           | RK73GB2A271J | CHIP R 270 J 1/10W  | J3           | R323     |         |           | RK73GB2A220J | CHIP R 22 J 1/10W    | J3           |
| R119,120 |         |           | RK73GB2A271J | CHIP R 270 J 1/10W  | K3,E5,J2     | R323     |         |           | RK73GB2A220J | CHIP R 22 J 1/10W    | K3,E5,J2     |
| R121     |         |           | RK73GB2A180J | CHIP R 18 J 1/10W   | J3           | R324     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | J3           |
| R121     |         |           | RK73GB2A180J | CHIP R 18 J 1/10W   | K3,E5,J2     | R324     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2     |
| R122     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W  | J3           | R325     |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W  | J3           |
| R122     |         |           | RK73GB2A271J | CHIP R 270 J 1/10W  | K3,E5,J2     | R325     |         |           | RK73GB2A182J | CHIP R 1.8K J 1/10W  | K3,E5,J2     |
| R123     |         |           | RK73GB2A273J | CHIP R 27K J 1/10W  | J3           | R326     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  | J3           |
| R123     |         |           | RK73GB2A273J | CHIP R 27K J 1/10W  | K3,E5,J2     | R326     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  | K3,E5,J2     |
| R124     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  | J3           | R327,328 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | J3           |
| R124     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W  | K3,E5,J2     | R327,328 |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | K3,E5,J2     |
| R125     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W   | J3           | R329     |         |           | RK73GB2A474J | CHIP R 470K J 1/10W  | J3           |
| R125     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W   | K3,E5,J2     | R329     |         |           | RK73GB2A474J | CHIP R 470K J 1/10W  | K3,E5,J2     |
| R126     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  | J3           | R330     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  | J3           |
| R126     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W  | K3,E5,J2     | R330     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  | K3,E5,J2     |

# PARTS LIST

TX-RX 3 UNIT (UT-20) (X57-607X-XX)

| Ref. No. | Address | New parts | Parts No.    | Description          | Destination | Ref. No. | Address | New parts | Parts No.    | Description                | Destination |
|----------|---------|-----------|--------------|----------------------|-------------|----------|---------|-----------|--------------|----------------------------|-------------|
| R330     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  | K3,E5,J2    | R384     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W          | K3,E5,J2    |
| R331     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   | J3          | R385,386 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W         | J3          |
| R331     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   | K3,E5,J2    | R385,386 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W         | K3,E5,J2    |
| R332     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | J3          | R389     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W         | J3          |
| R332     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | K3,E5,J2    | R389     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W         | K3,E5,J2    |
| R333     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   | J3          | R390     |         |           | RK73GB2A270J | CHIP R 27 J 1/10W          | J3          |
| R333     |         |           | RK73GB2A103J | CHIP R 10K J 1/10W   | K3,E5,J2    | R390     |         |           | RK73GB2A270J | CHIP R 27 J 1/10W          | K3,E5,J2    |
| R334     |         |           | RK73GB2A392J | CHIP R 3.9K J 1/10W  | J3          | R391     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W         | J3          |
| R334     |         |           | RK73GB2A392J | CHIP R 3.9K J 1/10W  | K3,E5,J2    | R391     |         |           | RK73GB2A181J | CHIP R 180 J 1/10W         | K3,E5,J2    |
| R335     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | J3          | R392     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W         | J3          |
| R335     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | K3,E5,J2    | R392     |         |           | RK73GB2A681J | CHIP R 680 J 1/10W         | K3,E5,J2    |
| R342     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | J3          | R500,501 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W         | J3          |
| R342     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | K3,E5,J2    | R500,501 |         |           | RK73GB2A103J | CHIP R 10K J 1/10W         | K3,E5,J2    |
| R343     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   | J3          | VR1      | *       |           | R32-0756-05  | TRIMMING POT. (22K/8)      | J3          |
| R343     |         |           | RK73GB2A331J | CHIP R 330 J 1/10W   | K3,E5,J2    | VR1      | *       |           | R32-0756-05  | TRIMMING POT. (22K/8)      | K3,E5,J2    |
| R351     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | J3          | VR2      |         |           | R32-0767-05  | TRIMMING POT. (1.0K/8)     | J3          |
| R351     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | K3,E5,J2    | VR2      |         |           | R32-0767-05  | TRIMMING POT. (1.0K/8)     | K3,E5,J2    |
| R359     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | J3          | D1       |         |           | HSB88WS      | DIODE                      | J3          |
| R359     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2    | D1       |         |           | HSB88WS      | DIODE                      | K3,E5,J2    |
| R360     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   | J3          | D2       |         |           | 1SS355       | DIODE                      | J3          |
| R360     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   | K3,E5,J2    | D2       |         |           | 1SS355       | DIODE                      | K3,E5,J2    |
| R361     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  | J3          | D3,4     | *       |           | HSM88ASR-E   | DIODE                      | J3          |
| R361     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  | K3,E5,J2    | D3,4     | *       |           | HSM88ASR-E   | DIODE                      | K3,E5,J2    |
| R362     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | J3          | D5-7     |         |           | L709CER      | DIODE                      | J3          |
| R362     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2    | D5-7     |         |           | L709CER      | DIODE                      | K3,E5,J2    |
| R363     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   | J3          | D8       |         |           | DAN235E      | DIODE                      | J3          |
| R363     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   | K3,E5,J2    | D8       |         |           | DAN235E      | DIODE                      | K3,E5,J2    |
| R364     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | J3          | D9       |         |           | 1SS355       | DIODE                      | J3          |
| R364     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2    | D9       |         |           | 1SS355       | DIODE                      | K3,E5,J2    |
| R365     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W   | J3          | D10,11   |         |           | RN731V       | DIODE                      | J3          |
| R365     |         |           | RK73GB2A223J | CHIP R 22K J 1/10W   | K3,E5,J2    | D10,11   |         |           | RN731V       | DIODE                      | K3,E5,J2    |
| R366     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W  | J3          | D12      |         |           | DAN202K      | DIODE                      | J3          |
| R366     |         |           | RK73GB2A822J | CHIP R 8.2K J 1/10W  | K3,E5,J2    | D12      |         |           | DAN202K      | DIODE                      | K3,E5,J2    |
| R367     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W   | J3          | D301     |         |           | 1SV283F      | VARIABLE CAPACITANCE DIODE | J3          |
| R367     |         |           | RK73GB2A221J | CHIP R 220 J 1/10W   | K3,E5,J2    | D301     |         |           | 1SV283F      | VARIABLE CAPACITANCE DIODE | K3,E5,J2    |
| R368     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | J3          | D302     |         |           | UDZS4.7B     | ZENER DIODE                | J3          |
| R368     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | K3,E5,J2    | D302     |         |           | UDZS4.7B     | ZENER DIODE                | K3,E5,J2    |
| R369     |         |           | RK73GB2A330J | CHIP R 33 J 1/10W    | J3          | D303     |         |           | L709CER      | DIODE                      | J3          |
| R369     |         |           | RK73GB2A330J | CHIP R 33 J 1/10W    | K3,E5,J2    | D303     |         |           | L709CER      | DIODE                      | K3,E5,J2    |
| R370     |         |           | RK73GB2A183J | CHIP R 18K J 1/10W   | J3          | D304     |         |           | MA2S111-F    | DIODE                      | J3          |
| R370     |         |           | RK73GB2A183J | CHIP R 18K J 1/10W   | K3,E5,J2    | D304     |         |           | MA2S111-F    | DIODE                      | K3,E5,J2    |
| R371-373 |         |           | RK73GB2A330J | CHIP R 33 J 1/10W    | J3          | D305     |         |           | 1SV283F      | VARIABLE CAPACITANCE DIODE | J3          |
| R371-373 |         |           | RK73GB2A330J | CHIP R 33 J 1/10W    | K3,E5,J2    | D305     |         |           | 1SV283F      | VARIABLE CAPACITANCE DIODE | K3,E5,J2    |
| R374     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  | J3          | D306     | *       |           | 015AZ3.3(X)F | ZENER DIODE                | J3          |
| R374     |         |           | RK73GB2A222J | CHIP R 2.2K J 1/10W  | K3,E5,J2    | D306     | *       |           | 015AZ3.3(X)F | ZENER DIODE                | K3,E5,J2    |
| R375     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | J3          | IC1      | *       |           | UPC2709TB-A  | IC (TX RF AMPLIFIER)       | J3          |
| R375     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2    | IC1      | *       |           | UPC2709TB-A  | IC (TX RF AMPLIFIER)       | K3,E5,J2    |
| R376     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   | J3          | IC2      |         |           | M67715       | IC (DRIVE POWER MODULE)    | K3,J2,J3    |
| R376     |         |           | RK73GB2A153J | CHIP R 15K J 1/10W   | K3,E5,J2    | IC2      | *       |           | M67715-101   | IC (DRIVE POWER MODULE)    | E5,         |
| R377     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  | J3          | IC3      |         |           | M57762-02    | IC (FINAL POWER MODULE)    | K3,J2,J3    |
| R377     |         |           | RK73GB2A682J | CHIP R 6.8K J 1/10W  | K3,E5,J2    | IC3      | *       |           | M57762-102   | IC (FINAL POWER MODULE)    | E5,         |
| R378     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   | J3          | IC4      | *       |           | AD9851BR5Z   | IC (DDS)                   | J3          |
| R378     |         |           | RK73GB2A151J | CHIP R 150 J 1/10W   | K3,E5,J2    | IC4      | *       |           | AD9851BR5Z   | IC (DDS)                   | K3,E5,J2    |
| R379     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | J3          | IC5      |         |           | LMX2316TMX   | IC (PLL)                   | J3          |
| R379     |         |           | RK73GB2A101J | CHIP R 100 J 1/10W   | K3,E5,J2    | IC5      |         |           | LMX2316TMX   | IC (PLL)                   | K3,E5,J2    |
| R381     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | J3          | IC500    | *       |           | BA90DDOWHFP  | IC (AVR 9V)                | J3          |
| R381     |         |           | RK73GB2A000J | CHIP R 0 OHM J 1/10W | K3,E5,J2    | IC500    | *       |           | BA90DDOWHFP  | IC (AVR 9V)                | K3,E5,J2    |
| R383     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  | J3          | Q1,2     | *       |           | 3SK131-A(M)  | FET                        | J3          |
| R383     |         |           | RK73GB2A102J | CHIP R 1.0K J 1/10W  | K3,E5,J2    | Q1,2     | *       |           | 3SK131-A(M)  | FET                        | K3,E5,J2    |
| R384     |         |           | RK73GB2A470J | CHIP R 47 J 1/10W    | J3          |          |         |           |              |                            |             |

J : TS-2000S J1 : TS-2000V J2 : TS-2000SX J3 : TS-2000VX

K1 : TS-2000 (K) K2 : TS-B2000 (K) K3 : TS-2000X (K)

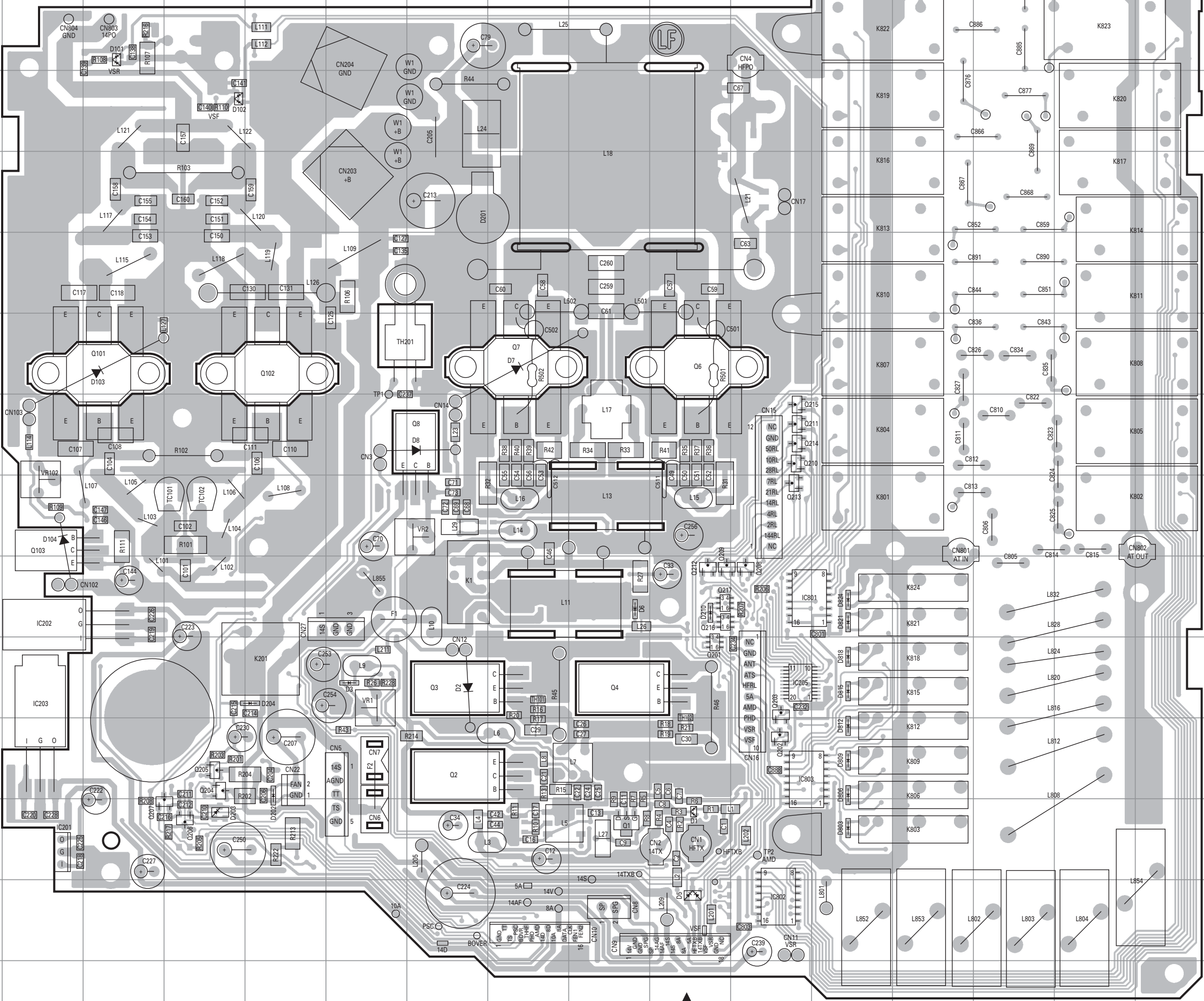
E1 : TS-2000 (E) E2 : TS-B2000 (E) E3 : TS-2000 (E2) E4 : TS-B2000 (E2) E5 : TS-2000X (E)

PARTS LIST

TX-RX 3 UNIT (UT-20) (X57-607X-XX)

| Ref. No. | Address | New parts | Parts No.     | Description | Desti-nation | Ref. No. | Address | New parts | Parts No. | Description | Desti-nation |
|----------|---------|-----------|---------------|-------------|--------------|----------|---------|-----------|-----------|-------------|--------------|
| Q3       |         | *         | 2SC3356-A     | TRANSISTOR  | J3           |          |         |           |           |             |              |
| Q3       |         | *         | 2SC3356-A     | TRANSISTOR  | K3,E5,J2     |          |         |           |           |             |              |
| Q4       |         |           | UMC4N         | TRANSISTOR  | J3           |          |         |           |           |             |              |
| Q4       |         |           | UMC4N         | TRANSISTOR  | K3,E5,J2     |          |         |           |           |             |              |
| Q5       |         | *         | 2SC4093-A     | TRANSISTOR  | J3           |          |         |           |           |             |              |
| Q5       |         | *         | 2SC4093-A     | TRANSISTOR  | K3,E5,J2     |          |         |           |           |             |              |
| Q7,8     |         |           | 2SK520(K43)   | FET         | K3,J2,J3     |          |         |           |           |             |              |
| Q7,8     |         | *         | 2SK520-A(K43) | FET         | E5           |          |         |           |           |             |              |
| Q9       |         | *         | 3SK131-A(M)   | FET         | J3           |          |         |           |           |             |              |
| Q9       |         | *         | 3SK131-A(M)   | FET         | K3,E5,J2     |          |         |           |           |             |              |
| Q10      |         | *         | 3SK320-F      | FET         | J3           |          |         |           |           |             |              |
| Q10      |         | *         | 3SK320-F      | FET         | K3,E5,J2     |          |         |           |           |             |              |
| Q11      |         | *         | 2SC5008-T1-A  | TRANSISTOR  | J3           |          |         |           |           |             |              |
| Q11      |         | *         | 2SC5008-T1-A  | TRANSISTOR  | K3,E5,J2     |          |         |           |           |             |              |
| Q12      |         | *         | NE34018       | FET         | J3           |          |         |           |           |             |              |
| Q12      |         | *         | NE34018       | FET         | K3,E5,J2     |          |         |           |           |             |              |
| Q13      |         |           | 2SC4617(R)    | TRANSISTOR  | J3           |          |         |           |           |             |              |
| Q13      |         |           | 2SC4617(R)    | TRANSISTOR  | K3,E5,J2     |          |         |           |           |             |              |
| Q14,15   |         |           | 2SC5108(Y)F   | TRANSISTOR  | J3           |          |         |           |           |             |              |
| Q14,15   |         |           | 2SC5108(Y)F   | TRANSISTOR  | K3,E5,J2     |          |         |           |           |             |              |
| Q16,17   |         |           | 2SC4617(R)    | TRANSISTOR  | J3           |          |         |           |           |             |              |
| Q16,17   |         |           | 2SC4617(R)    | TRANSISTOR  | K3,E5,J2     |          |         |           |           |             |              |
| Q19      |         | *         | 2SC3356-A     | TRANSISTOR  | J3           |          |         |           |           |             |              |
| Q19      |         | *         | 2SC3356-A     | TRANSISTOR  | K3,E5,J2     |          |         |           |           |             |              |
| Q20      |         |           | 2SC3357-A     | TRANSISTOR  | J3           |          |         |           |           |             |              |
| Q20      |         |           | 2SC3357-A     | TRANSISTOR  | K3,E5,J2     |          |         |           |           |             |              |
| Q301     |         |           | 2SK508NV(K52) | FET         | J3           |          |         |           |           |             |              |
| Q301     |         |           | 2SK508NV(K52) | FET         | K3,E5,J2     |          |         |           |           |             |              |
| Q302     |         |           | 2SC5066-F(O)  | TRANSISTOR  | J3           |          |         |           |           |             |              |
| Q302     |         |           | 2SC5066-F(O)  | TRANSISTOR  | K3,E5,J2     |          |         |           |           |             |              |
| Q303,304 |         |           | 2SC4617(R)    | TRANSISTOR  | J3           |          |         |           |           |             |              |
| Q303,304 |         |           | 2SC4617(R)    | TRANSISTOR  | K3,E5,J2     |          |         |           |           |             |              |
| Q305-307 |         |           | 2SC3722K(R)   | TRANSISTOR  | J3           |          |         |           |           |             |              |
| Q305-307 |         |           | 2SC3722K(R)   | TRANSISTOR  | K3,E5,J2     |          |         |           |           |             |              |
| Q310-312 |         |           | 2SC4617(R)    | TRANSISTOR  | J3           |          |         |           |           |             |              |
| Q310-312 |         |           | 2SC4617(R)    | TRANSISTOR  | K3,E5,J2     |          |         |           |           |             |              |
| Q313,314 |         | *         | 3SK131-A(M)   | FET         | J3           |          |         |           |           |             |              |
| Q313,314 |         | *         | 3SK131-A(M)   | FET         | K3,E5,J2     |          |         |           |           |             |              |
| Q315     |         |           | 2SC4617(R)    | TRANSISTOR  | J3           |          |         |           |           |             |              |
| Q315     |         |           | 2SC4617(R)    | TRANSISTOR  | K3,E5,J2     |          |         |           |           |             |              |
| TH1      |         |           | 157-102-65001 | THERMISTOR  | J3           |          |         |           |           |             |              |
| TH1      |         |           | 157-102-65001 | THERMISTOR  | K3,E5,J2     |          |         |           |           |             |              |
| TH2      |         |           | 157-502-65001 | THERMISTOR  | J3           |          |         |           |           |             |              |
| TH2      |         |           | 157-502-65001 | THERMISTOR  | K3,E5,J2     |          |         |           |           |             |              |

**FINAL UNIT (X45-360X-XX) (A/2) Component side view (J79-0110-09 A/2)**  
**0-00 : J,J2 0-01 : J1,J3 0-11 : K1,K2,K3 2-71 : E1,E2,E3,E4,E5**



| Ref. No. | Address | Ref. No. | Address |
|----------|---------|----------|---------|
| IC201    | 12B     | Q213     | 8K      |
| IC202    | 9B      | Q214     | 7K      |
| IC203    | 10B     | Q215     | 7K      |
| IC205    | 10K     | Q216     | 9J      |
| IC801    | 9K      | Q217     | 9J      |
| IC802    | 13K     | D1       | 12J     |
| IC803    | 11K     | D2       | 10G     |
| Q1       | 12I     | D3       | 10F     |
| Q2       | 11G     | D5       | 13J     |
| Q3       | 10G     | D6       | 9I      |
| Q4       | 10I     | D7       | 6H      |
| Q6       | 6J      | D8       | 7G      |
| Q7       | 6H      | D101     | 2C      |
| Q8       | 7G      | D102     | 3D      |
| Q101     | 6C      | D103     | 6C      |
| Q102     | 6E      | D104     | 8B      |
| Q103     | 8B      | D201     | 4G      |
| Q201     | 10J     | D202     | 12E     |
| Q202     | 11K     | D203     | 12D     |
| Q203     | 10K     | D204     | 10E     |
| Q204     | 11D     | D210     | 9J      |
| Q205     | 11D     | D803     | 12L     |
| Q206     | 12D     | D806     | 11L     |
| Q207     | 12C     | D809     | 11L     |
| Q208     | 9K      | D812     | 11L     |
| Q209     | 9J      | D815     | 10L     |
| Q210     | 7K      | D818     | 10L     |
| Q211     | 7K      | D821     | 9L      |
| Q212     | 9J      | D824     | 9L      |

Component side  
Layer 1  
Layer 2  
Foil side

TS-2000/B2000/2000X  
TS-2000S/2000V/2000SX/2000VX

# PC BOARD

J79-0110-09 A/2

FINAL UNIT (X45-360X-XX) (A/2) Foil side view (J79-0110-09 A/2)  
0-00 : J,J2 0-01 : J1,J3 0-11 : K1,K2,K3 2-71 : E1,E2,E3,E4,E5

| Ref. No. | Address |
|----------|---------|
| IC204    | 11Q     |
| Q218     | 10O     |
| D206     | 9I      |
| D207     | 9I      |
| D208     | 9I      |
| D209     | 9I      |
| D211     | 10O     |
| D801     | 8H      |
| D802     | 8D      |
| D804     | 7H      |
| D805     | 7D      |
| D807     | 6H      |
| D808     | 6D      |
| D810     | 5H      |
| D811     | 5D      |
| D813     | 4H      |
| D814     | 4D      |
| D816     | 4H      |
| D817     | 3D      |
| D819     | 3H      |
| D820     | 3D      |
| D822     | 2H      |
| D823     | 2D      |

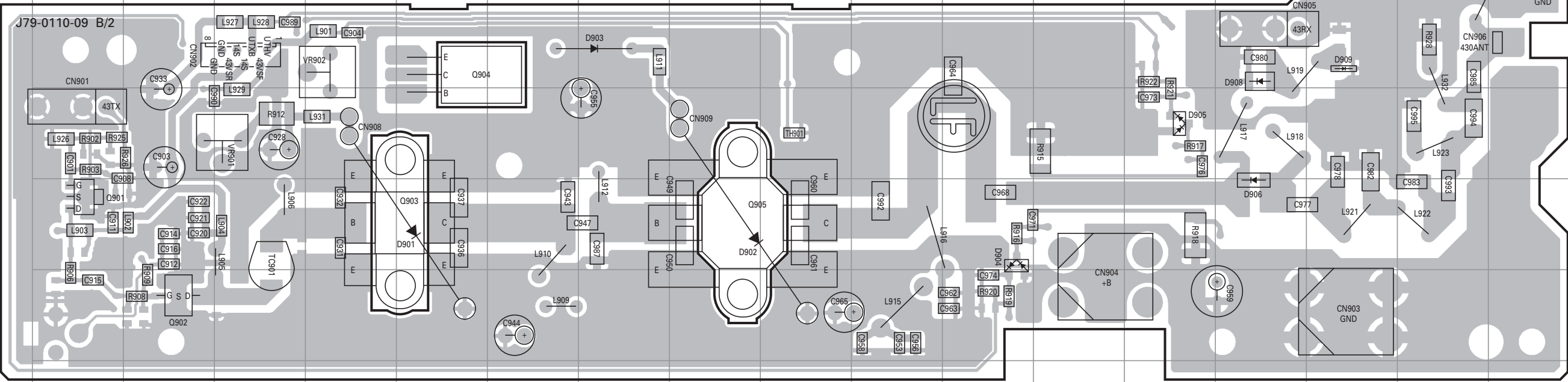
Component side

Layer 1

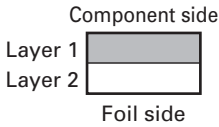
Layer 2

Foil side

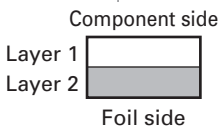
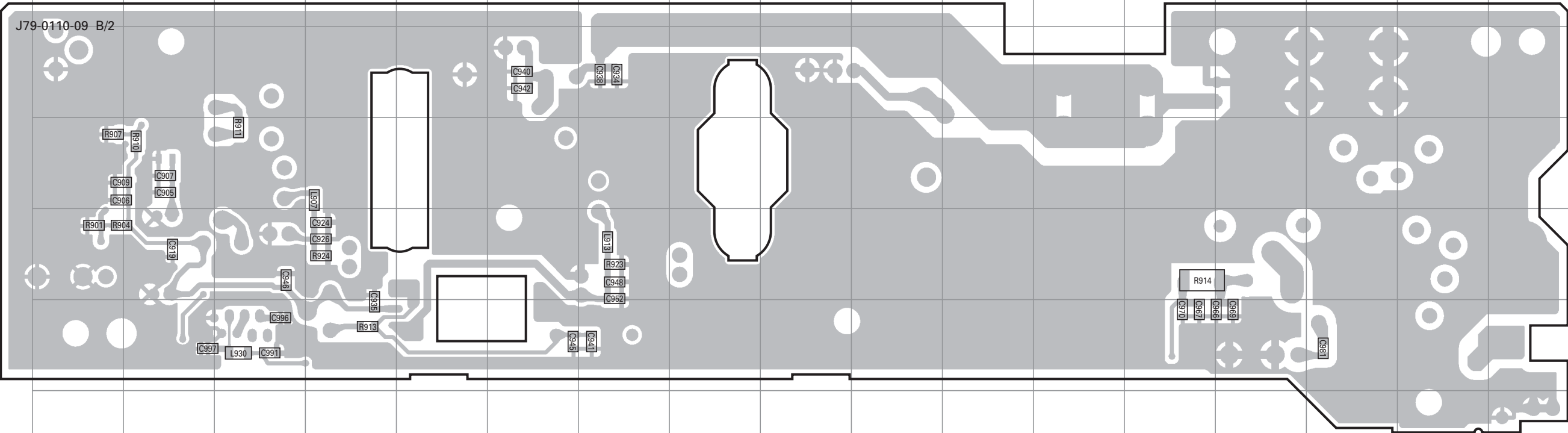
FINAL UNIT (X45-360X-XX) (B/2) Component side view (J79-0110-09 B/2)  
0-00 : J,J2 0-01 : J1,J3 0-11 : K1,K2,K3 2-71 : E1,E2,E3,E4,E5



| Ref. No. | Address |
|----------|---------|
| Q901     | 5A      |
| Q902     | 6B      |
| Q903     | 5E      |
| Q904     | 3E      |
| Q905     | 5H      |
| D901     | 5E      |
| D902     | 5H      |
| D903     | 3G      |
| D904     | 5K      |
| D905     | 4M      |
| D906     | 5N      |
| D908     | 3N      |
| D909     | 3O      |



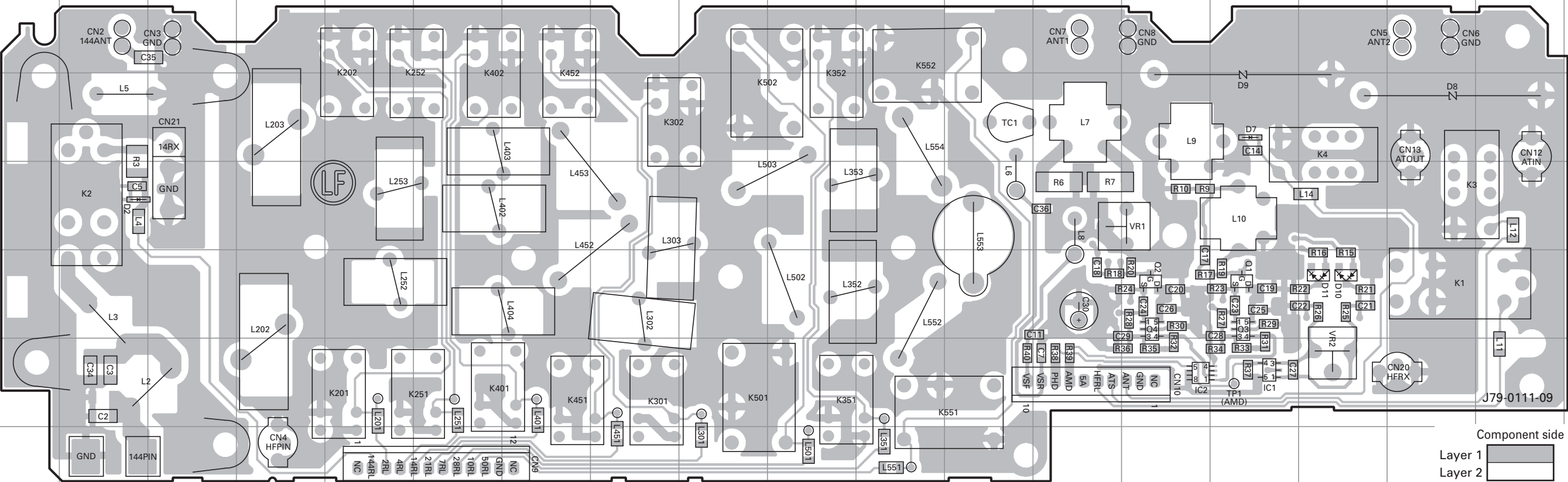
FINAL UNIT (X45-360X-XX) (B/2) Foil side view (J79-0110-09 B/2)  
0-00 : J,J2 0-01 : J1,J3 0-11 : K1,K2,K3 2-71 : E1,E2,E3,E4,E5



TS-2000/B2000/2000X  
TS-2000S/2000V/2000SX/2000VX

# PC BOARD

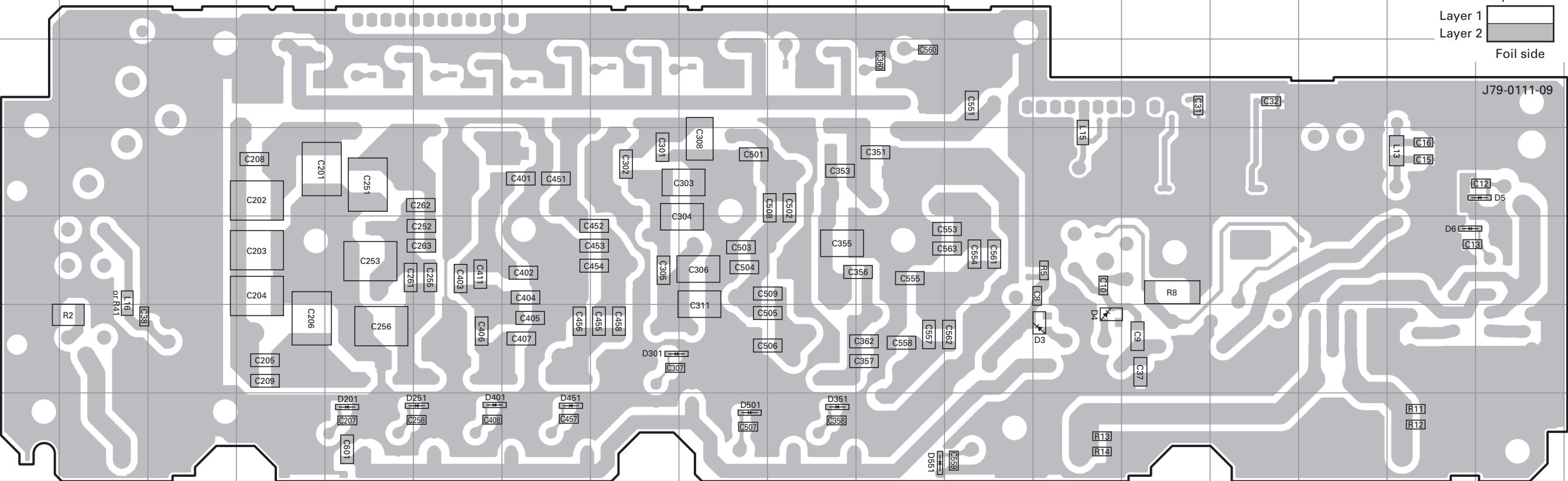
FILTER UNIT (X51-315X-XX) 0-00 : J,J2 0-01 : J1,J3 0-11 : K1,K2,K3 2-71 : E1,E2,E3,E4,E5 Component side view (J79-0111-09)



| Ref. No. | Address |
|----------|---------|
| IC1      | 6O      |
| IC2      | 6N      |
| Q1       | 5O      |
| Q2       | 5N      |
| Q3       | 5O      |
| Q4       | 5N      |
| D2       | 4B      |
| D7       | 3O      |
| D8       | 3Q      |
| D9       | 3O      |
| D10      | 5P      |
| D11      | 5P      |

Component side  
Layer 1  
Layer 2  
Foil side

FILTER UNIT (X51-315X-XX) 0-00 : J,J2 0-01 : J1,J3 0-11 : K1,K2,K3 2-71 : E1,E2,E3,E4,E5 Foil side view (J79-0111-09)



| Ref. No. | Address |
|----------|---------|
| D3       | 12M     |
| D4       | 12M     |
| D5       | 10R     |
| D6       | 11Q     |
| D201     | 13E     |
| D251     | 13F     |
| D301     | 12H     |
| D351     | 13J     |
| D401     | 13F     |
| D451     | 13G     |
| D501     | 13I     |
| D551     | 13K     |

Component side  
Layer 1  
Layer 2  
Foil side

The image shows a detailed schematic of a radio circuit board, likely a walkie-talkie. The board is populated with various electronic components, including integrated circuits (S1-S12), diodes (D1-D9), and capacitors (C1-C12). The layout shows a central processing area with a large, complex circuit, and peripheral control and power sections. The board is labeled with 'J79-0113-09' in the bottom right corner.

Diagram illustrating the structure of a two-layer component:

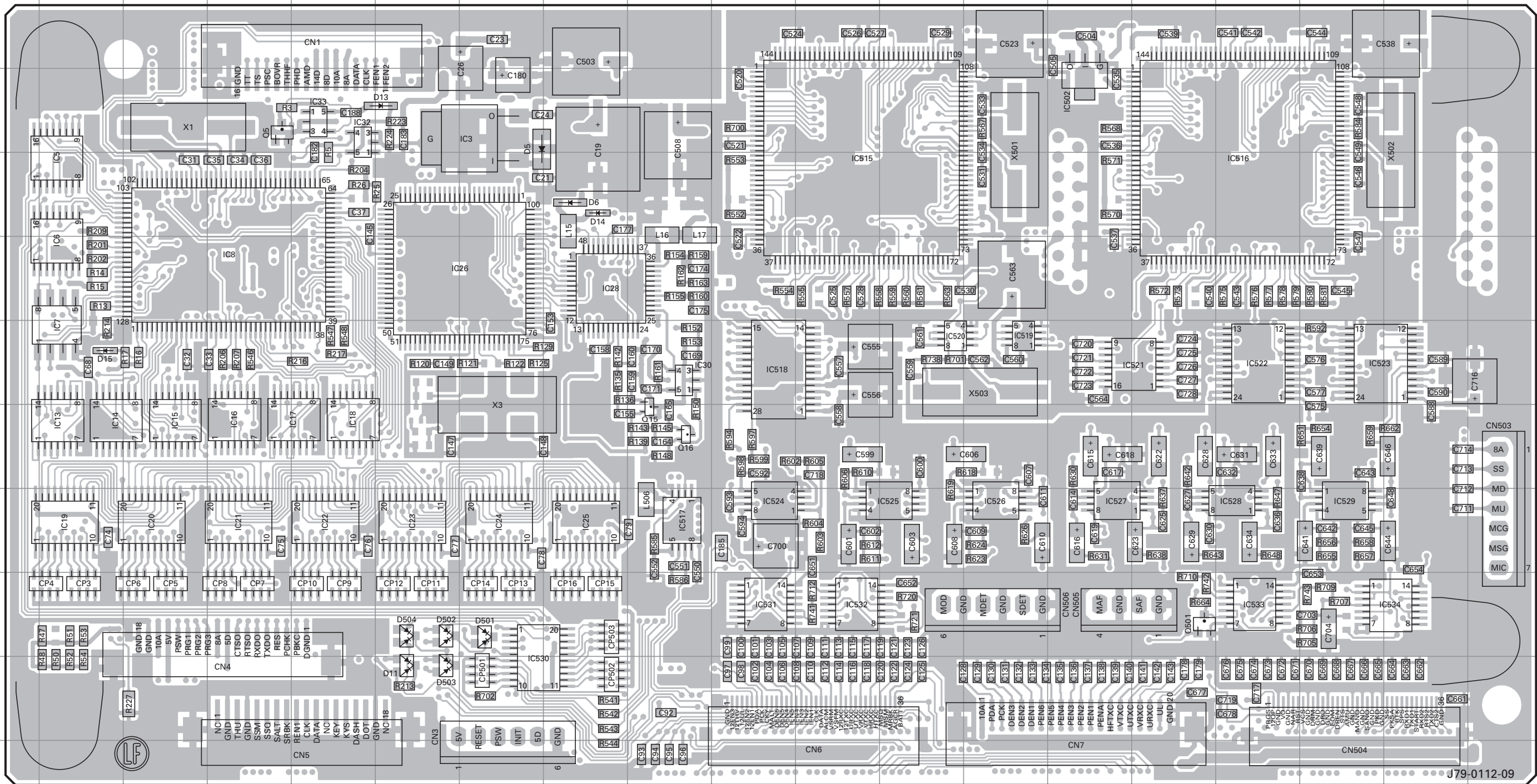
- Component side
- Layer 1 (Grey)
- Layer 2 (White)
- Foil side

The PCB layout for the J79-0113-09 board is shown. It features a central IC1 (IC1) and IC2 (IC2) connected to a large IC3 (IC3) on the right. Other components include Q1 (Q1), IC4 (IC4), and various resistors (R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R95, R96, R97, R98, R99, R100) and capacitors (C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58, C59, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C79, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C90, C91, C92, C93, C94, C95, C96, C97, C98, C99, C100). The board is labeled J79-0113-09 in the top right corner.

Diagram illustrating the cross-section of a component with two layers:

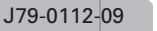
- Layer 1 (top layer)
- Layer 2 (bottom layer)
- Component side (top surface)
- Foil side (bottom surface)

**CONTROL UNIT (X53-391X-XX) 0-00 : J,J2 0-01 : J1,J3 0-11 : K1,K2,K3 2-71 : E1,E2,E5 2-72 : E3,E4 Component side view (J79-0112-09)**



| Ref No. | Address | Ref No. | Address | Ref No. | Address | Ref No. | Address | Ref No. | Address | Ref No. | Address | Ref No. | Address |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| IC3     | 3G      | IC17    | 7E      | IC26    | 5G      | IC518   | 6J      | IC527   | 8N      | Q15     | 7I      | D501    | 9G      |
| IC5     | 4B      | IC18    | 7E      | IC28    | 5H      | IC519   | 6M      | IC528   | 8P      | Q16     | 7I      | D502    | 9F      |
| IC6     | 5B      | IC19    | 8B      | IC30    | 6I      | IC520   | 6L      | IC529   | 8Q      | Q501    | 9O      | D503    | 10F     |
| IC7     | 6B      | IC20    | 8C      | IC32    | 3E      | IC521   | 6O      | IC530   | 10G     | D5      | 3G      | D504    | 9F      |
| IC8     | 5D      | IC21    | 8D      | IC33    | 3E      | IC522   | 6P      | IC531   | 9J      | D6      | 4H      |         |         |
| IC13    | 7B      | IC22    | 8E      | IC502   | 3N      | IC523   | 6Q      | IC532   | 9K      | D11     | 10F     |         |         |
| IC14    | 7B      | IC23    | 8F      | IC515   | 4K      | IC524   | 8J      | IC533   | 9P      | D13     | 3F      |         |         |
| IC15    | 7C      | IC24    | 8G      | IC516   | 4P      | IC525   | 8L      | IC534   | 9R      | D14     | 4H      |         |         |
| IC16    | 7D      | IC25    | 8H      | IC517   | 8I      | IC526   | 8M      | Q5      | 3D      | D15     | 6B      |         |         |

J79-0112-09



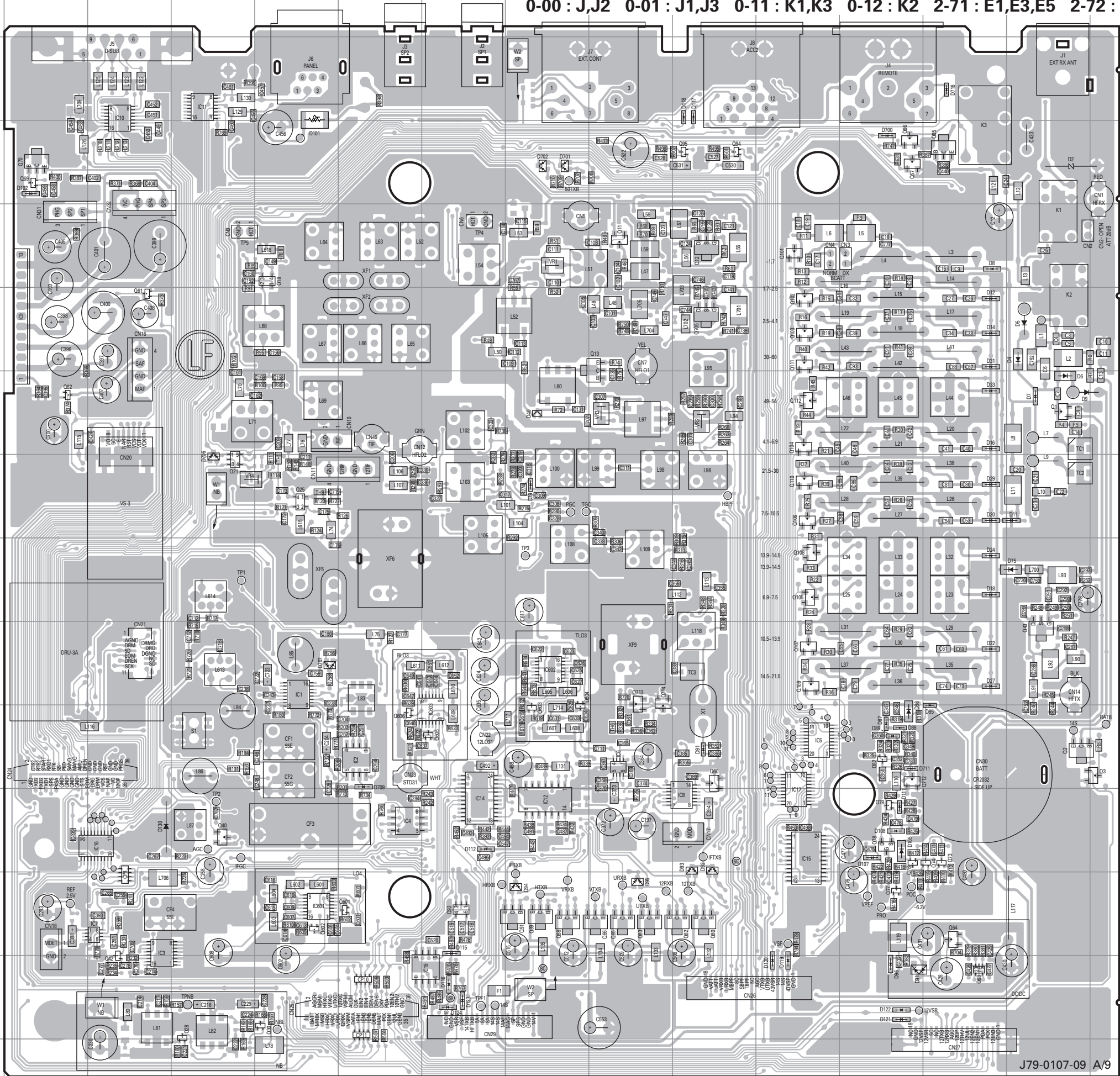
J79-0112-09

J79-0112-09

TS-2000/B2000/2000X  
TS-2000S/2000V/2000SX/2000VX

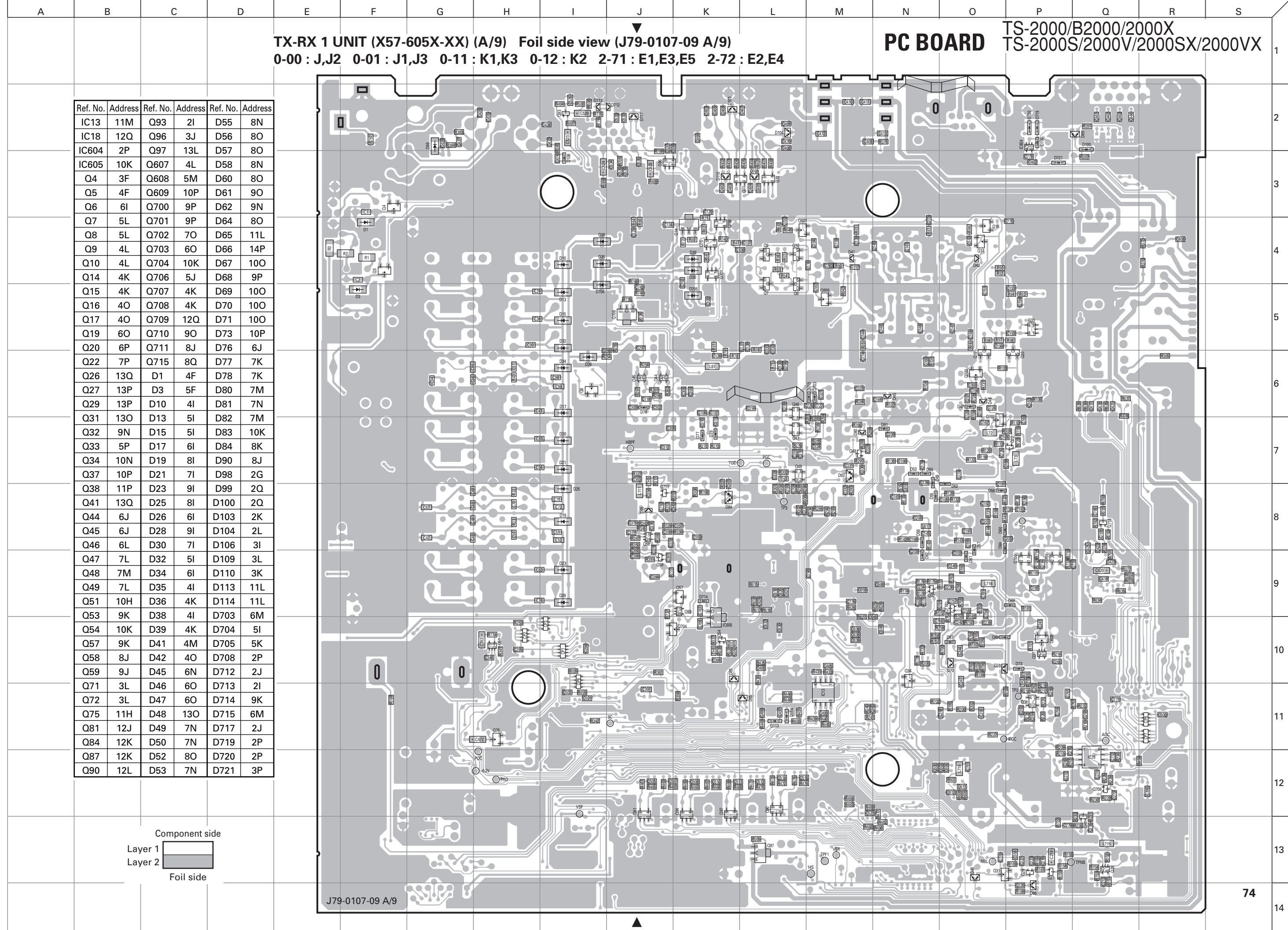
# PC BOARD

TX-RX 1 UNIT (X57-605X-XX) (A/9) Component side view (J79-0107-09 A/9)  
0-00 : J,J2 0-01 : J1,J3 0-11 : K1,K3 0-12 : K2 2-71 : E1,E3,E5 2-72 : E2,E4



| Ref. No. | Address | Ref. No. | Address | Ref. No. | Address |
|----------|---------|----------|---------|----------|---------|
| IC1      | 9E      | Q77      | 12L     | D20      | 7M      |
| IC2      | 10F     | Q78      | 11L     | D22      | 9M      |
| IC3      | 12C     | Q79      | 11L     | D24      | 8M      |
| IC4      | 11F     | Q80      | 12J     | D27      | 9M      |
| IC5      | 10K     | Q82      | 12J     | D29      | 7M      |
| IC6      | 10I     | Q83      | 12I     | D31      | 5M      |
| IC7      | 12C     | Q85      | 12I     | D33      | 6M      |
| IC8      | 11J     | Q86      | 12I     | D40      | 6H      |
| IC9      | 5B      | Q88      | 12H     | D75      | 8N      |
| IC10     | 2C      | Q89      | 12H     | D79      | 7H      |
| IC11     | 2D      | Q91      | 12H     | D85      | 10M     |
| IC12     | 11H     | Q92      | 12G     | D86      | 10L     |
| IC14     | 11G     | Q94      | 3J      | D87      | 10L     |
| IC15     | 11K     | Q95      | 3J      | D88      | 10L     |
| IC16     | 11C     | Q101     | 4K      | D89      | 10L     |
| IC17     | 11K     | Q102     | 5K      | D91      | 10J     |
| IC19     | 13G     | Q103     | 5K      | D91      | 13L     |
| IC601    | 12E     | Q104     | 6K      | D92      | 11J     |
| IC602    | 9H      | Q105     | 8K      | D93      | 11J     |
| IC603    | 10G     | Q106     | 7K      | D94      | 12H     |
| Q1       | 6N      | Q107     | 9K      | D95      | 12I     |
| Q2       | 10N     | Q108     | 8K      | D96      | 13L     |
| Q3       | 10O     | Q109     | 9K      | D101     | 3E      |
| Q11      | 4I      | Q110     | 7K      | D102     | 3B      |
| Q12      | 4J      | Q111     | 5K      | D105     | 11L     |
| Q13      | 5I      | Q112     | 6K      | D107     | 11L     |
| Q18      | 4E      | Q601     | 12F     | D108     | 11L     |
| Q21      | 7D      | Q602     | 12E     | D111     | 11L     |
| Q25      | 7E      | Q603     | 10H     | D112     | 11G     |
| Q28      | 13D     | Q604     | 9H      | D115     | 12G     |
| Q30      | 13E     | Q605     | 10G     | D116     | 13G     |
| Q40      | 11D     | Q606     | 10F     | D117     | 2J      |
| Q42      | 13C     | Q705     | 5J      | D118     | 2J      |
| Q43      | 9N      | Q712     | 10L     | D119     | 13K     |
| Q52      | 10L     | Q713     | 9I      | D120     | 13K     |
| Q60      | 10J     | Q714     | 9I      | D121     | 13L     |
| Q61      | 5C      | D2       | 3N      | D122     | 13L     |
| Q62      | 6B      | D4       | 5N      | D123     | 13G     |
| Q63      | 13M     | D5       | 5N      | D124     | 13G     |
| Q64      | 12M     | D6       | 6N      | D130     | 11C     |
| Q65      | 3M      | D7       | 6N      | D700     | 3L      |
| Q66      | 3L      | D8       | 4M      | D701     | 3H      |
| Q67      | 3L      | D9       | 6N      | D702     | 3H      |
| Q69      | 3B      | D11      | 7N      | D706     | 7D      |
| Q70      | 3B      | D12      | 5M      | D707     | 9E      |
| Q73      | 11M     | D14      | 5M      | D709     | 11F     |
| Q74      | 11M     | D16      | 6M      | D711     | 10L     |
| Q76      | 11L     | D18      | 8M      | D716     | 2M      |

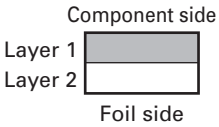
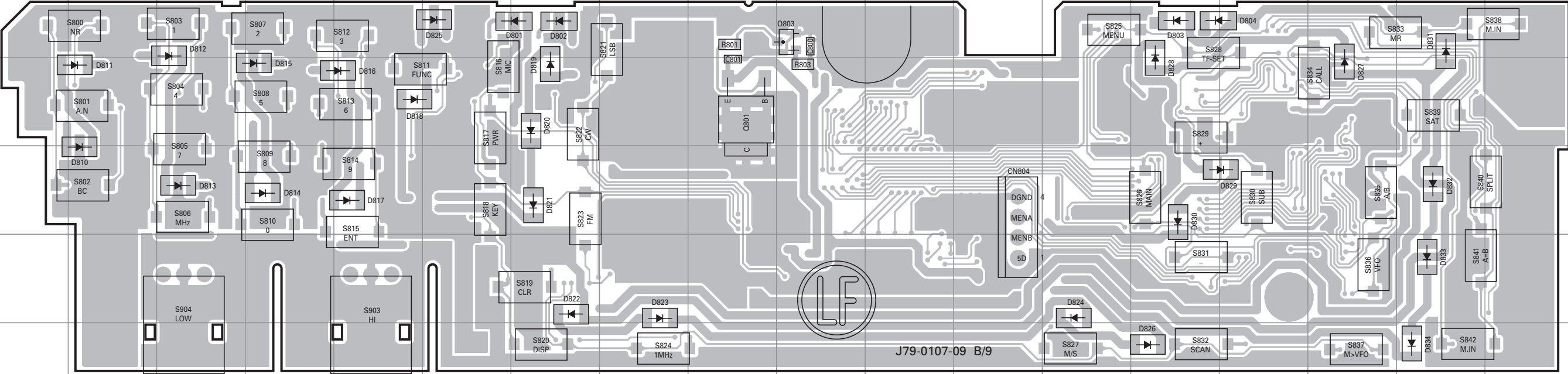
Component side  
Layer 1  
Layer 2  
Foil side



TS-2000/B2000/2000X  
TS-2000S/2000V/2000SX/2000VX

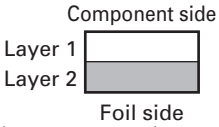
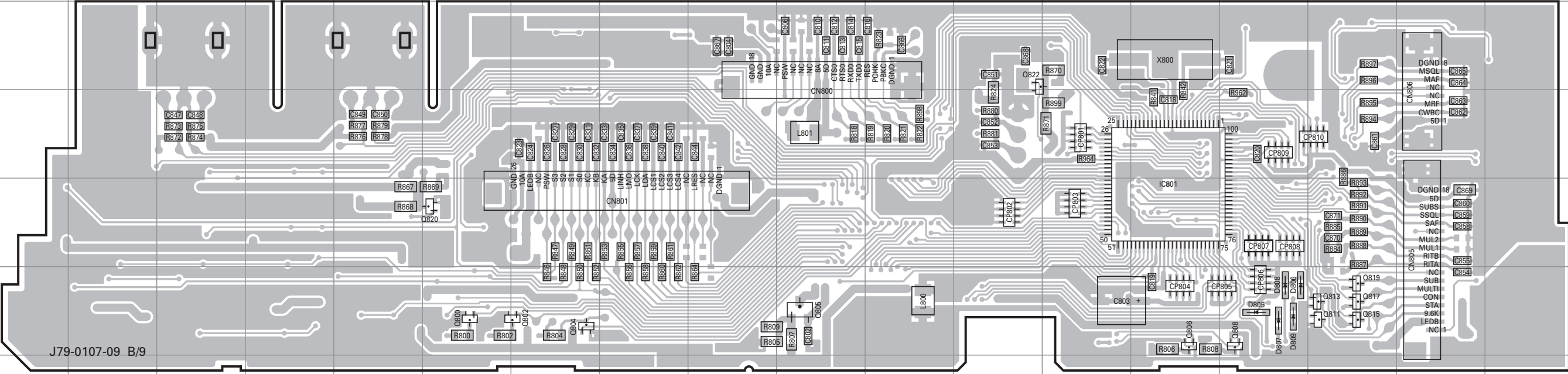
# PC BOARD

TX-RX 1 UNIT (X57-605X-XX) (B/9) 0-00 : J,J2 0-01 : J1,J3 0-11 : K1,K3 0-12 : K2 2-71 : E1,E3,E5 2-72 : E2,E4 Component side view (J79-0107-09 B/9)



| Ref. No. | Address |
|----------|---------|
| Q801     | 3I      |
| Q803     | 2J      |
| D801     | 2G      |
| D802     | 2G      |
| D803     | 2N      |
| D804     | 2O      |
| D810     | 4B      |
| D811     | 3B      |
| D812     | 2C      |
| D813     | 4C      |
| D814     | 4D      |
| D815     | 3D      |
| D816     | 3E      |
| D817     | 4E      |
| D818     | 3E      |
| D819     | 3G      |
| D820     | 3G      |
| D821     | 4G      |
| D822     | 5G      |
| D823     | 5H      |
| D824     | 5M      |
| D825     | 2F      |
| D826     | 6N      |
| D827     | 3P      |
| D828     | 3N      |
| D829     | 4O      |
| D830     | 4N      |
| D831     | 2Q      |
| D832     | 4Q      |
| D833     | 5Q      |
| D834     | 6Q      |

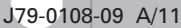
TX-RX 1 UNIT (X57-605X-XX) (B/9) 0-00 : J,J2 0-01 : J1,J3 0-11 : K1,K3 0-12 : K2 2-71 : E1,E3,E5 2-72 : E2,E4 Foil side view (J79-0107-09 B/9)



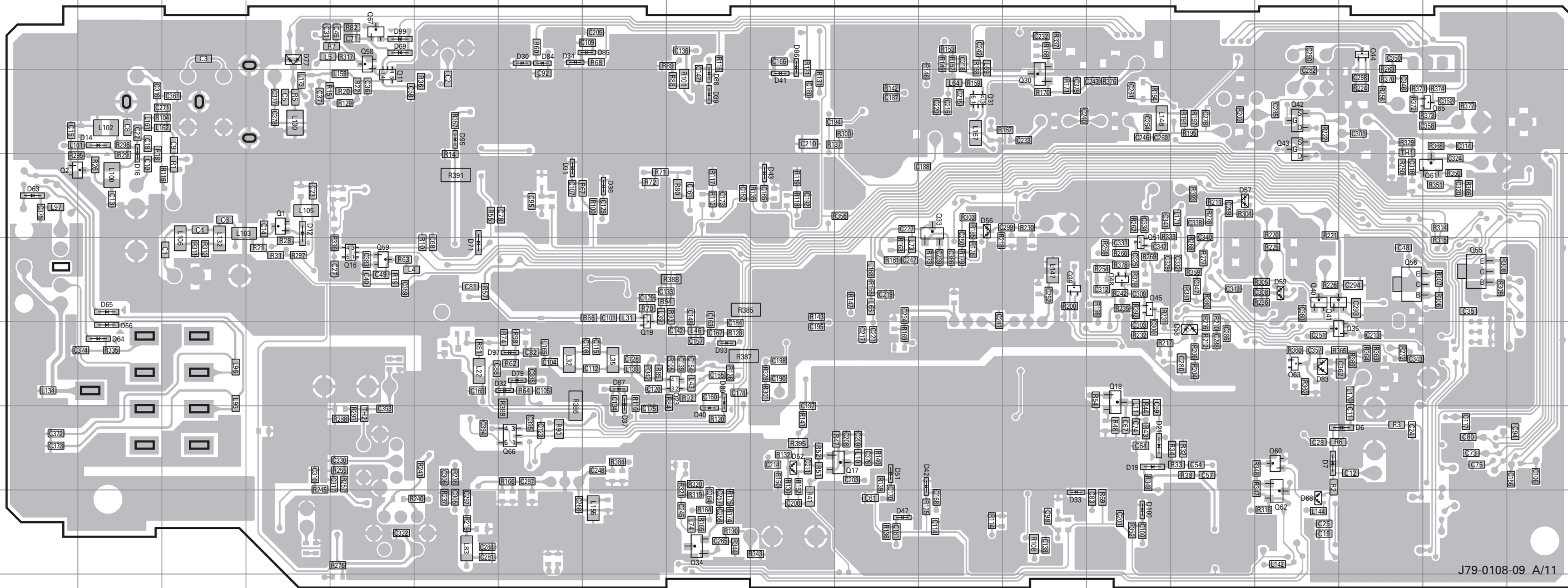
| Ref. No. | Address |
|----------|---------|
| IC801    | 11N     |
| Q800     | 12F     |
| Q802     | 12G     |
| Q804     | 12G     |
| Q805     | 12J     |
| Q806     | 12N     |
| Q808     | 12O     |
| Q811     | 12P     |
| Q813     | 12P     |
| Q815     | 12P     |
| Q817     | 12P     |
| Q819     | 12P     |
| Q820     | 11F     |
| Q822     | 9L      |
| D805     | 12O     |
| D806     | 12O     |
| D807     | 12O     |
| D808     | 12O     |
| D809     | 12O     |



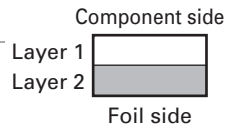
**0-00 : J,J1,J2,J3**



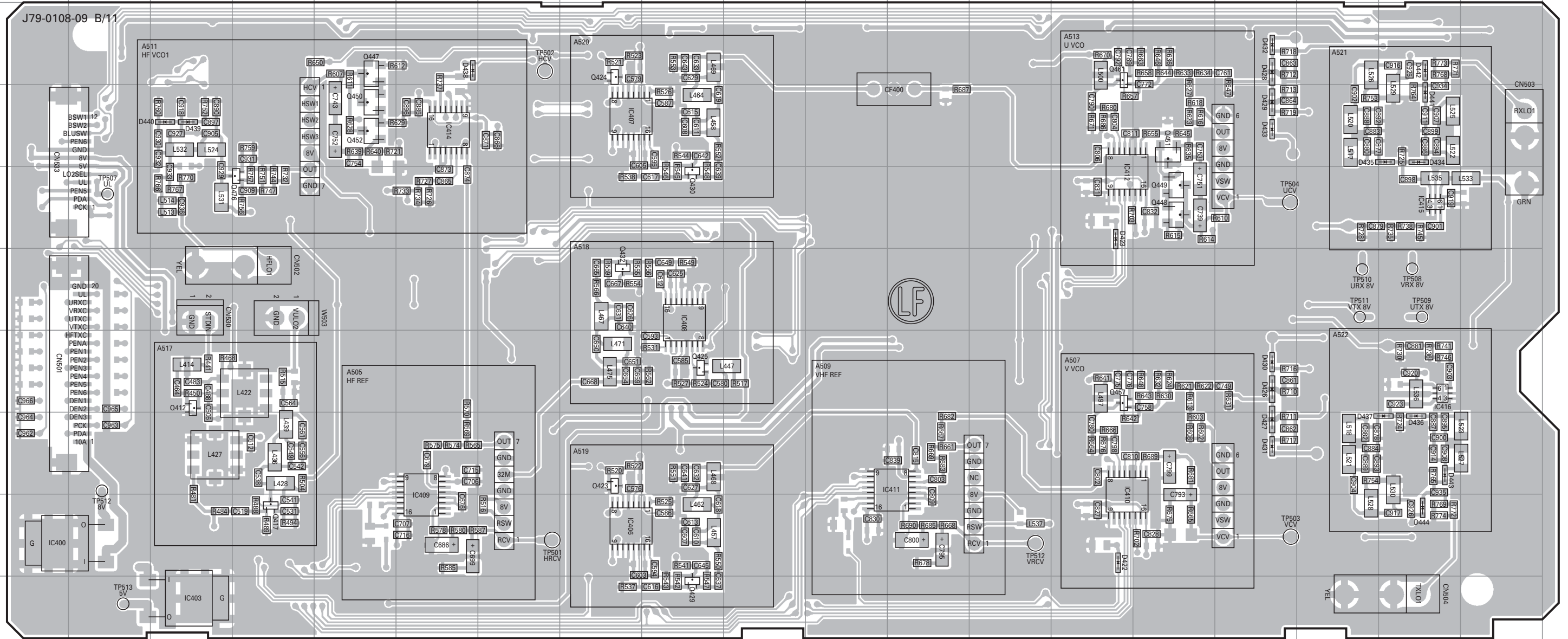
| Ref. No. | Address | Ref. No. | Address | Ref. No. | Address | Ref. No. | Address | Ref. No. | Address |
|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|
| IC2      | 6B      | Q20      | 7H      | Q50      | 9O      | D24      | 4N      | D82      | 7K      |
| IC3      | 8E      | Q21      | 5L      | Q57      | 6F      | D46      | 7J      | D89      | 6C      |
| IC4      | 4H      | Q22      | 7M      | D9       | 6P      | D48      | 4J      | D90      | 6N      |
| IC5      | 7I      | Q24      | 4L      | D10      | 4P      | D49      | 5J      | D91      | 7J      |
| IC6      | 5H      | Q25      | 7L      | D11      | 6P      | D53      | 6I      | D92      | 6N      |
| IC7      | 6E      | Q26      | 9H      | D13      | 4P      | D54      | 8K      | D94      | 7K      |
| IC8      | 6D      | Q32      | 5I      | D15      | 3O      | D73      | 5A      | D96      | 7N      |
| IC9      | 7D      | Q36      | 5H      | D17      | 6N      | D74      | 5B      | D98      | 8N      |
| Q3       | 6C      | Q37      | 6F      | D18      | 6P      | D75      | 6M      | D101     | 7N      |
| Q13      | 5B      | Q38      | 4E      | D20      | 6N      | D76      | 6N      |          |         |
| Q14      | 5O      | Q46      | 9N      | D22      | 4N      | D78      | 5P      |          |         |
| Q15      | 4O      | Q47      | 8N      | D23      | 5N      | D81      | 6N      |          |         |



| Ref. No. | Address | Ref. No. | Address | Ref. No. | Address | Ref. No. | Address | Ref. No. | Address | Ref. No. | Address | Ref. No. | Address |
|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|
| Q1       | 5D      | Q35      | 7Q      | Q58      | 3E      | D14      | 4B      | D40      | 8I      | D64      | 7B      | D86      | 3J      |
| Q2       | 5A      | Q39      | 6M      | Q59      | 6E      | D16      | 5B      | D41      | 4J      | D65      | 6B      | D87      | 7H      |
| Q11      | 4E      | Q40      | 6P      | Q60      | 8P      | D19      | 8N      | D42      | 8L      | D66      | 7B      | D88      | 4I      |
| Q16      | 6E      | Q41      | 6P      | Q61      | 5R      | D21      | 8N      | D43      | 5J      | D68      | 9P      | D93      | 7I      |
| Q17      | 8K      | Q42      | 4P      | Q62      | 9P      | D30      | 3G      | D47      | 9K      | D69      | 3E      | D95      | 4F      |
| Q18      | 7N      | Q43      | 4P      | Q63      | 7P      | D31      | 5G      | D51      | 8K      | D71      | 6F      | D97      | 7G      |
| Q19      | 7H      | Q44      | 3Q      | Q65      | 4R      | D32      | 7G      | D52      | 8J      | D77      | 3D      | D99      | 3E      |
| Q23      | 7I      | Q45      | 6N      | Q66      | 8G      | D33      | 9M      | D56      | 5L      | D79      | 7G      | D100     | 9N      |
| Q30      | 4M      | Q48      | 6N      | Q67      | 3E      | D34      | 3G      | D57      | 5O      | D80      | 7I      |          |         |
| Q31      | 4L      | Q51      | 6N      | D6       | 8Q      | D36      | 5H      | D58      | 7O      | D83      | 7P      |          |         |
| Q33      | 5L      | Q55      | 6R      | D7       | 8P      | D37      | 8H      | D59      | 6P      | D84      | 3G      |          |         |
| Q34      | 9I      | Q56      | 6Q      | D12      | 5D      | D39      | 4I      | D63      | 5A      | D85      | 3H      |          |         |



**TX-RX 2 UNIT (X57-606X-XX) (B/11) 0-00 : J,J1,J2,J3 0-11 : K1,K2,K3 2-71 : E1,E2,E3,E4,E5 Component side view (J79-0108-09 B/11)**



| Ref. No. | Address | Ref. No. | Address | Ref. No. | Address | Ref. No. | Address | Ref. No. | Address |
|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|
| IC400    | 9A      | IC416    | 7R      | Q449     | 5O      | D428     | 3P      | D439     | 4C      |
| IC403    | 10C     | Q412     | 7C      | Q450     | 4E      | D429     | 4P      | D440     | 4C      |
| IC406    | 9H      | Q417     | 9D      | Q451     | 4O      | D430     | 7P      | D441     | 4R      |
| IC407    | 4H      | Q423     | 8H      | Q452     | 4E      | D431     | 8P      | D442     | 3R      |
| IC408    | 6I      | Q424     | 3H      | Q457     | 7N      | D432     | 3P      | D443     | 8R      |
| IC409    | 9F      | Q425     | 7I      | Q461     | 3N      | D433     | 4P      | D444     | 9R      |
| IC410    | 9N      | Q429     | 10I     | Q476     | 5D      | D434     | 4R      |          |         |
| IC411    | 8L      | Q430     | 5I      | D422     | 9N      | D435     | 4R      |          |         |
| IC412    | 5N      | Q432     | 6H      | D423     | 5N      | D436     | 8R      |          |         |
| IC414    | 4F      | Q447     | 3E      | D426     | 7P      | D437     | 8R      |          |         |
| IC415    | 5R      | Q448     | 5O      | D427     | 8P      | D438     | 3F      |          |         |

J79-0108-09 B/11



J79-0108-09 B/11

J79-0108-09 B/11

# PC BOARD

**TX-RX 2 UNIT (X57-606X-XX) (C,D,E,G,H,I,J,K/11)**

**0-00 : J,J1,J2,J3**

**0-11 : K1,K2,K3**

**2-71 : E1,E2,E3,E4,E5**

### Component side view

**(J79-0108-09 C,D,E,G,H,I,J,K/11)**

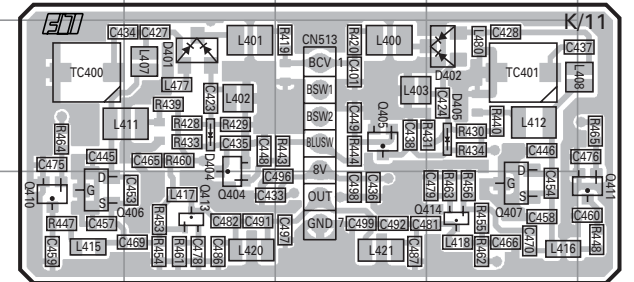
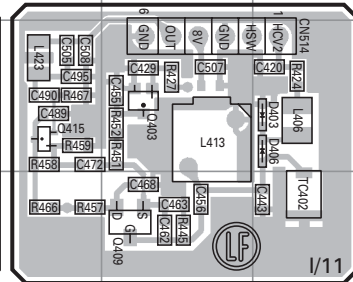
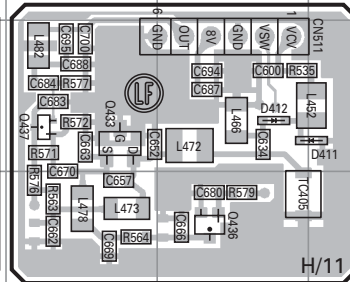
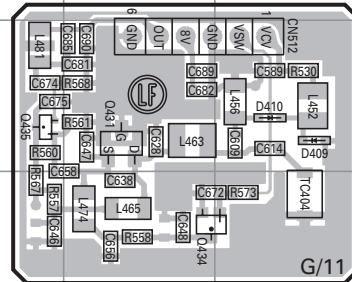
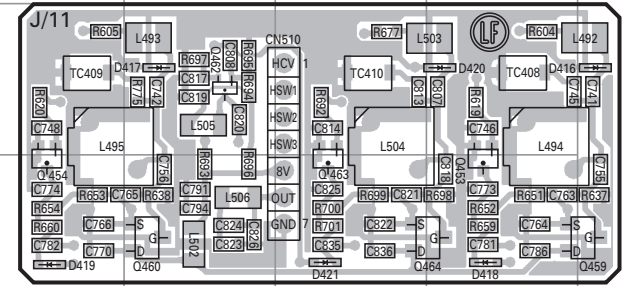
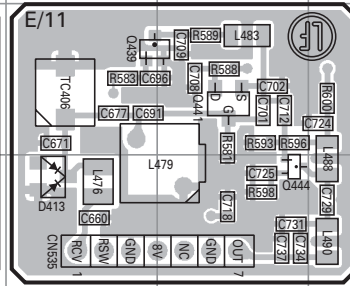
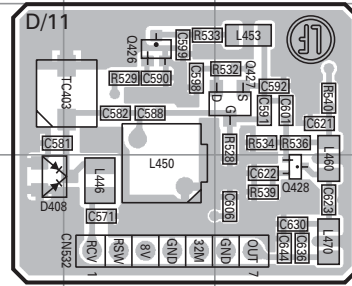


Diagram illustrating the component side and foil side of a two-layer structure:

- Component side** (top layer, shaded gray)
- Foil side** (bottom layer, white)

TX-RX 2 UNIT (X57-606X-XX) (C,D,E,G,H,I,J,K/11)

**0-00 : J,J1,J2,J3**

**0-11 : K1,K2,K3**

**2-71 : E1,E2,E3,E4,E5**

### Foil side view

**(J79-0108-09 C,D,E,G,H,I,J,K/11)**

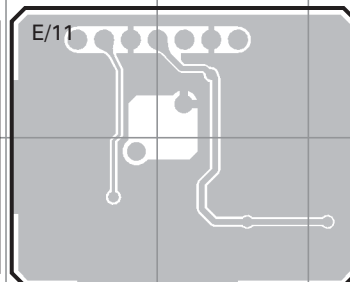
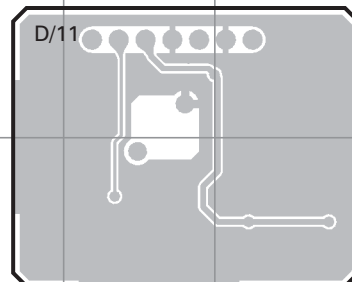
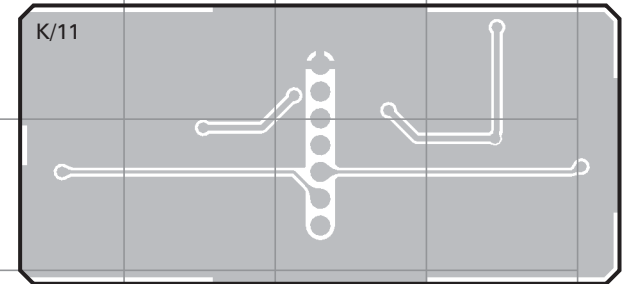
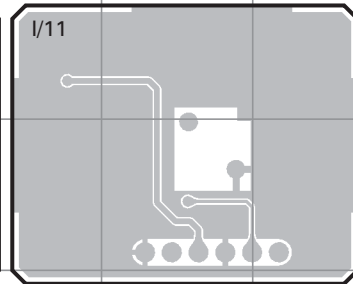
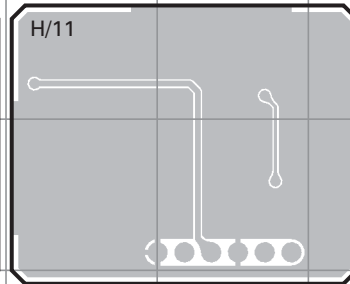
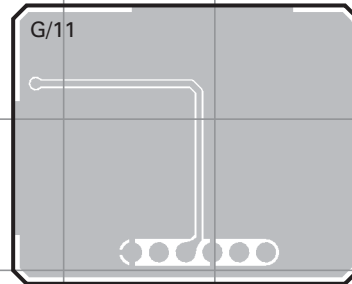
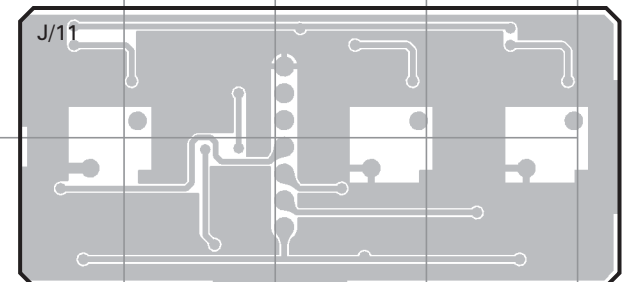
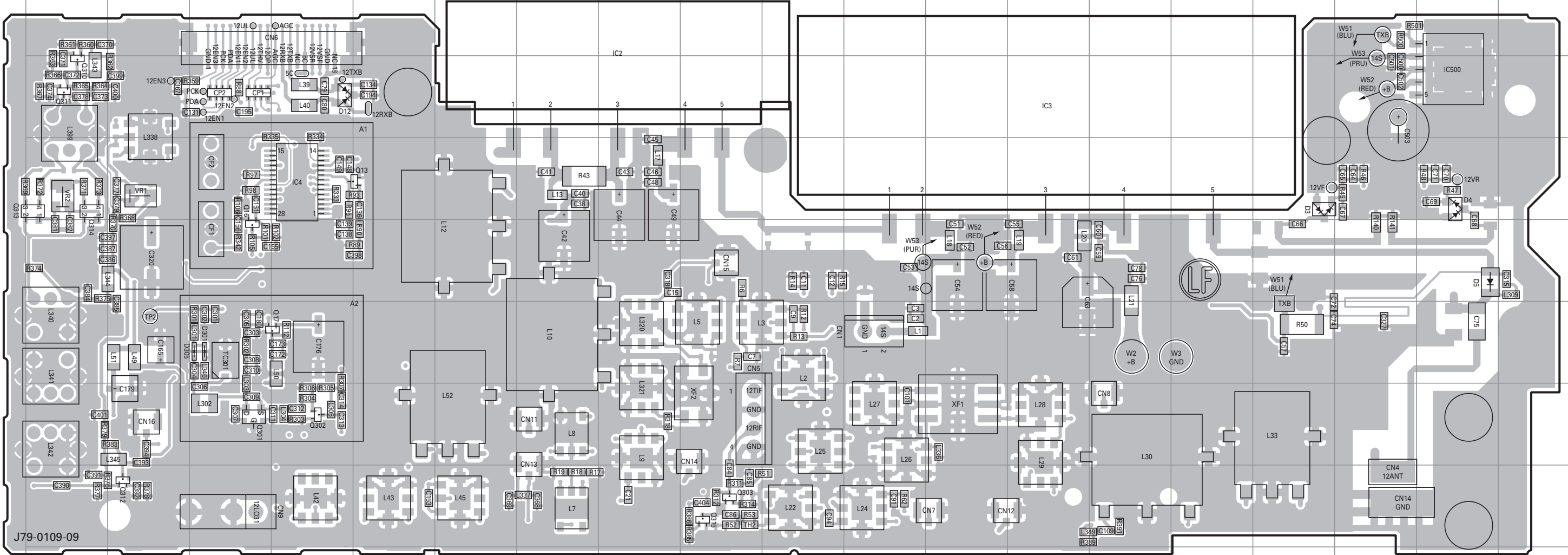


Diagram illustrating the cross-section of a component with two layers:

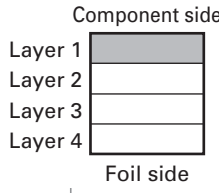
- Layer 1 (top layer)
- Layer 2 (bottom layer)
- Component side (top surface)
- Foil side (bottom surface)



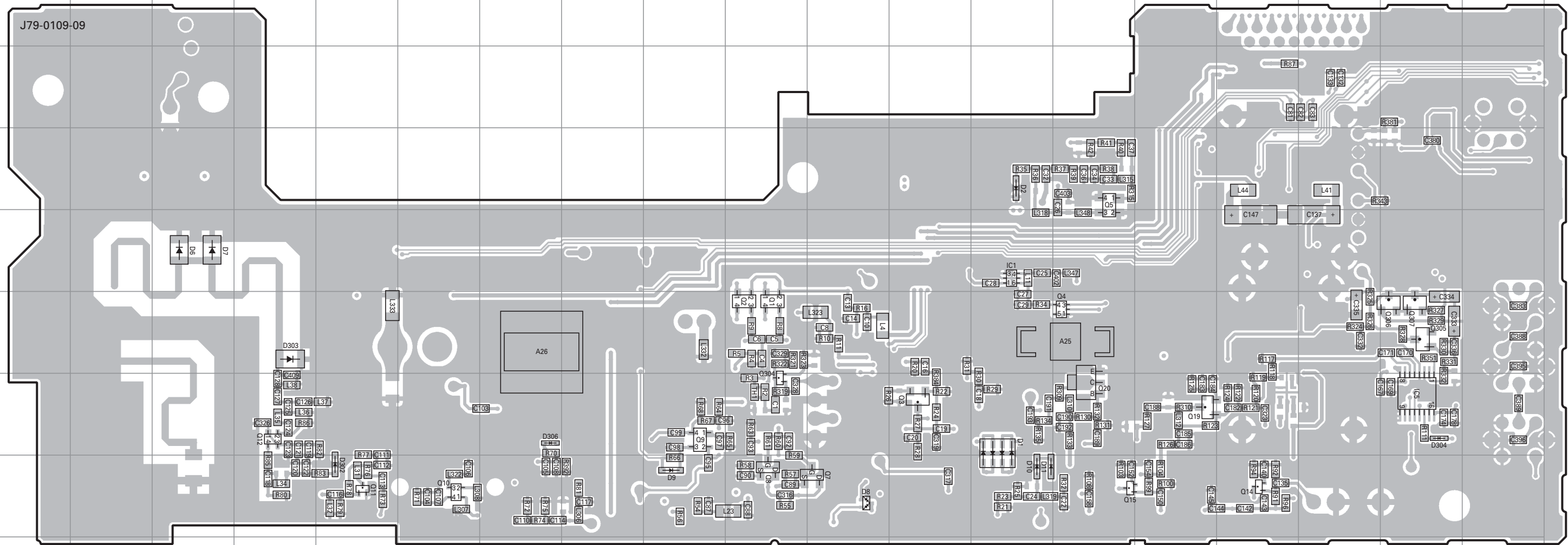
TX-RX 3 UNIT (UT-20) (X57-607X-XX) 0-00 : J2,J3,K3 2-71 : E5 Component side view (J79-0109-09)



| Ref No. | Address | Ref No. | Address | Ref No. | Address | Ref No. | Address | Ref No. | Address |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| IC2     | 3H      | Q16     | 6C      | Q310    | 4A      | Q315    | 9I      | D301    | 7C      |
| IC3     | 4M      | Q17     | 7D      | Q311    | 4A      | D3      | 5P      | D305    | 7C      |
| IC4     | 5D      | Q301    | 8C      | Q312    | 9B      | D4      | 5R      |         |         |
| IC500   | 4R      | Q302    | 8D      | Q313    | 5A      | D5      | 6R      |         |         |
| Q13     | 5E      | Q303    | 9I      | Q314    | 5A      | D12     | 4D      |         |         |



**TX-RX 3 UNIT (UT-20) (X57-607X-XX) 0-00 : J2,J3,K3 2-71 : E5 Foil side view (J79-0109-09)**

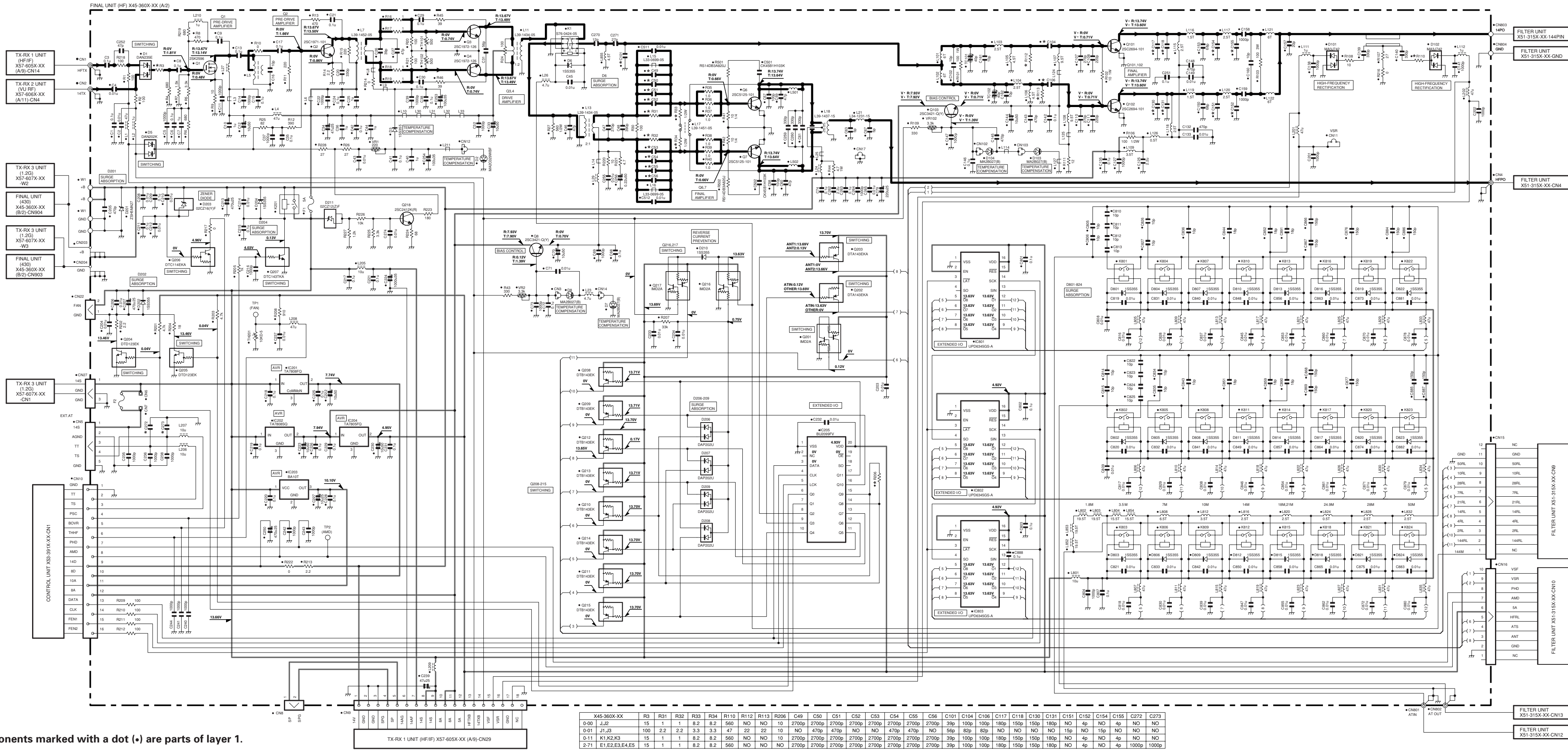


| Ref No. | Address | Ref No. | Address | Ref No. | Address | Ref No. | Address | Ref No. | Address | Ref No. | Address | Ref No. | Address |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| IC1     | 6M      | Q4      | 7N      | Q10     | 9F      | Q19     | 8O      | Q307    | 7R      | D8      | 9K      | D303    | 7D      |
| IC5     | 8R      | Q5      | 5N      | Q11     | 9E      | Q20     | 8N      | D1      | 8M      | D9      | 9I      | D304    | 8R      |
| Q1      | 7J      | Q7      | 9K      | Q12     | 8D      | Q304    | 8J      | D2      | 5M      | D10     | 9M      | D306    | 8G      |
| Q2      | 7J      | Q8      | 9J      | Q14     | 9P      | Q305    | 7R      | D6      | 6C      | D11     | 9M      |         |         |
| Q3      | 8L      | Q9      | 8I      | Q15     | 9N      | Q306    | 7R      | D7      | 6C      | D302    | 9E      |         |         |

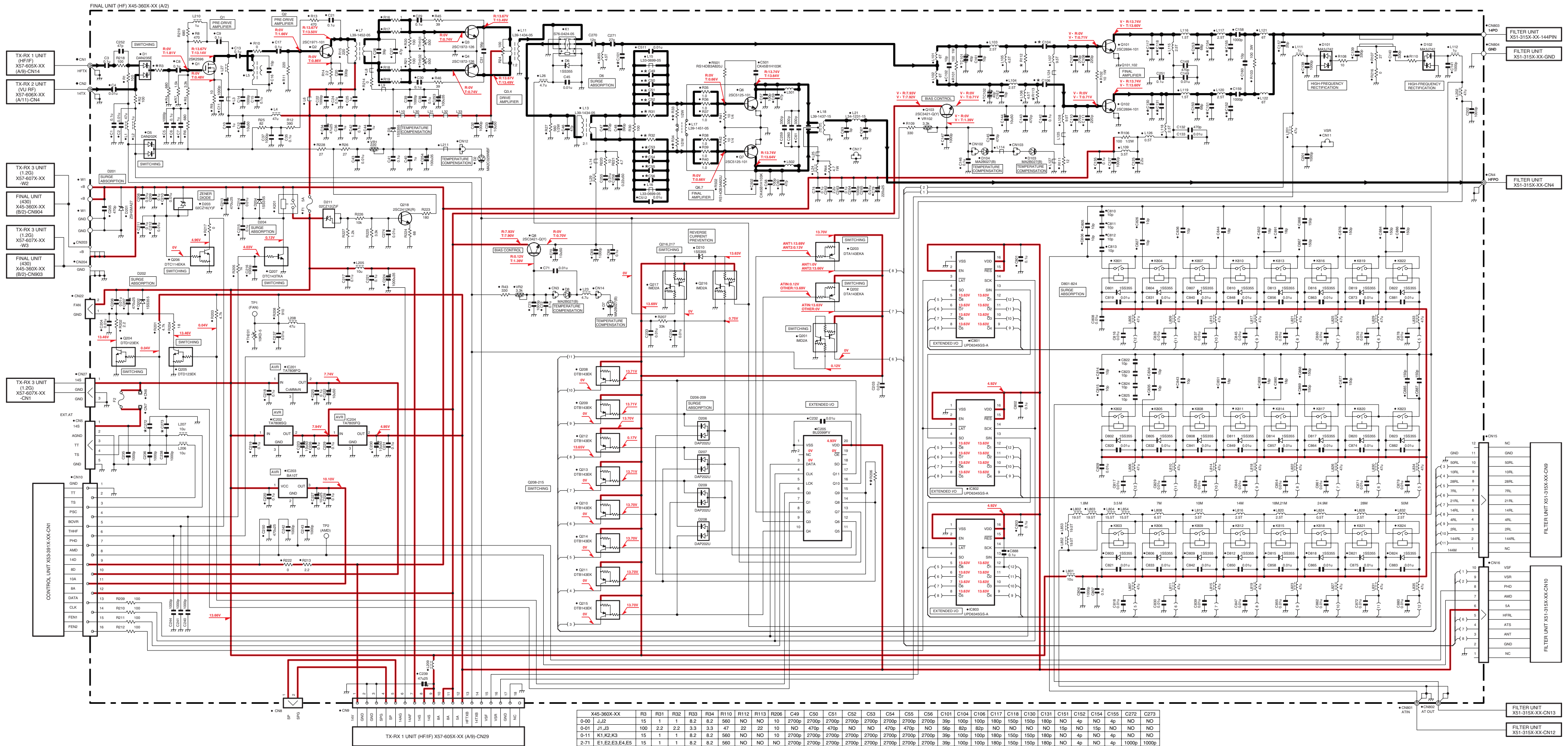
Diagram illustrating the structure of a four-layer laminate:

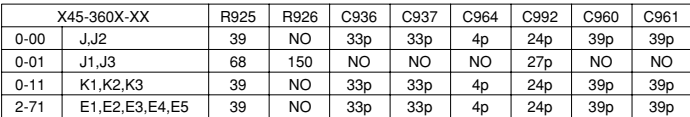
- Layer 1 (Top layer, white)
- Layer 2 (Second layer, white)
- Layer 3 (Third layer, white)
- Layer 4 (Bottom layer, gray, labeled "Foil side")

The top surface is labeled "Component side".



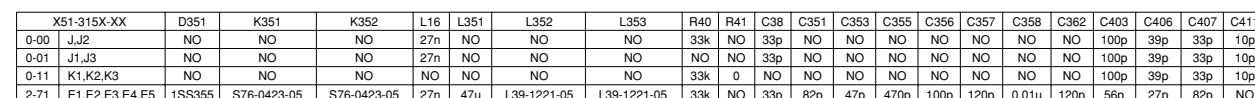
Note : The components marked with a dot (•) are parts of layer 1.



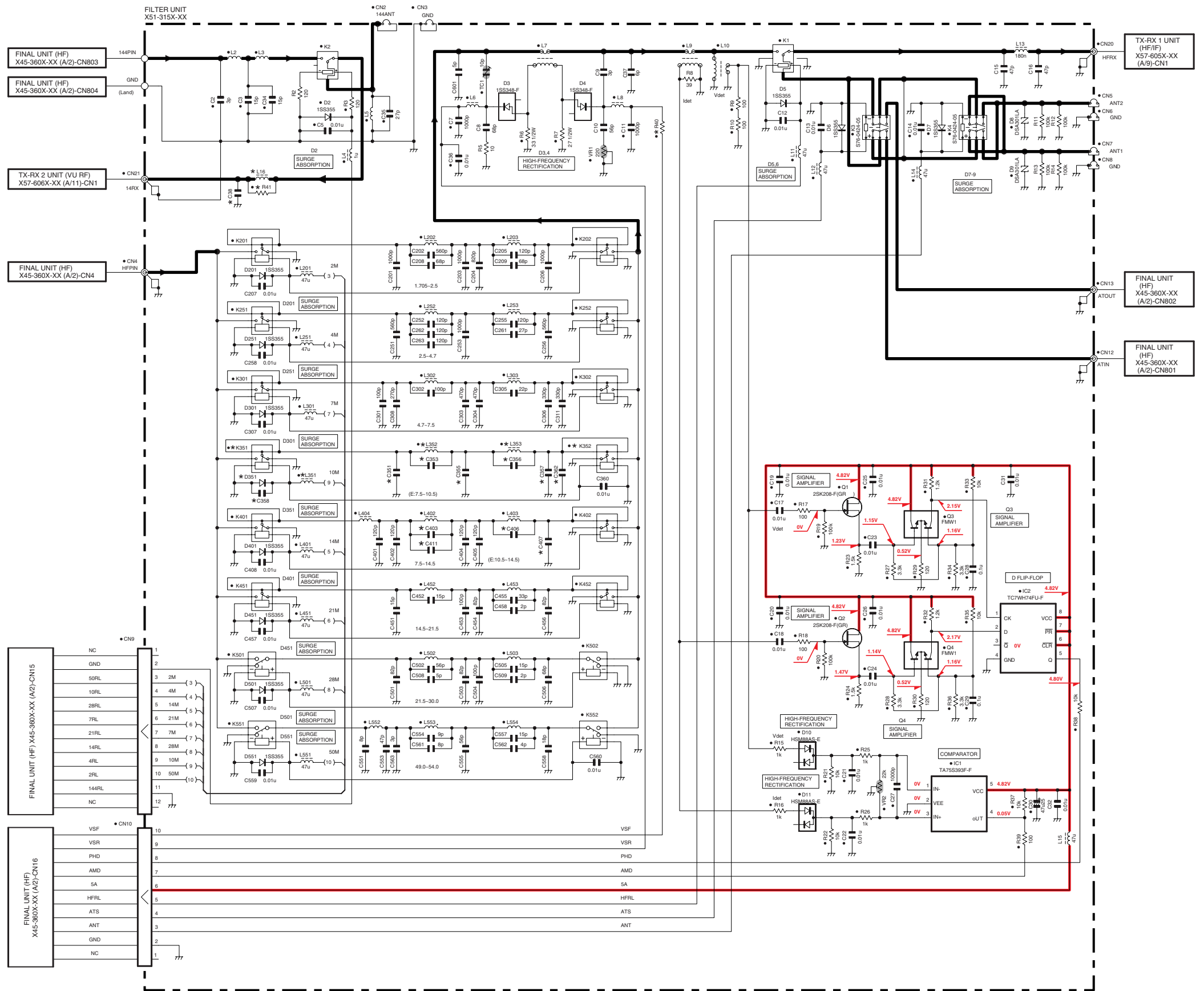


X45-360 (B/2)





**100**  
X51-315



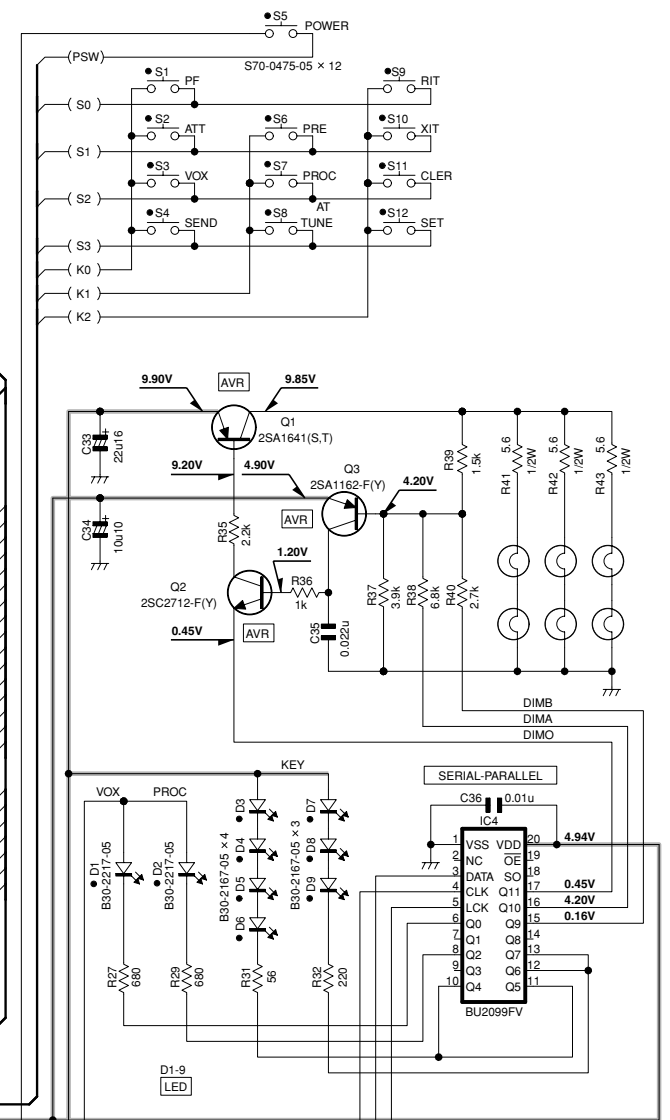
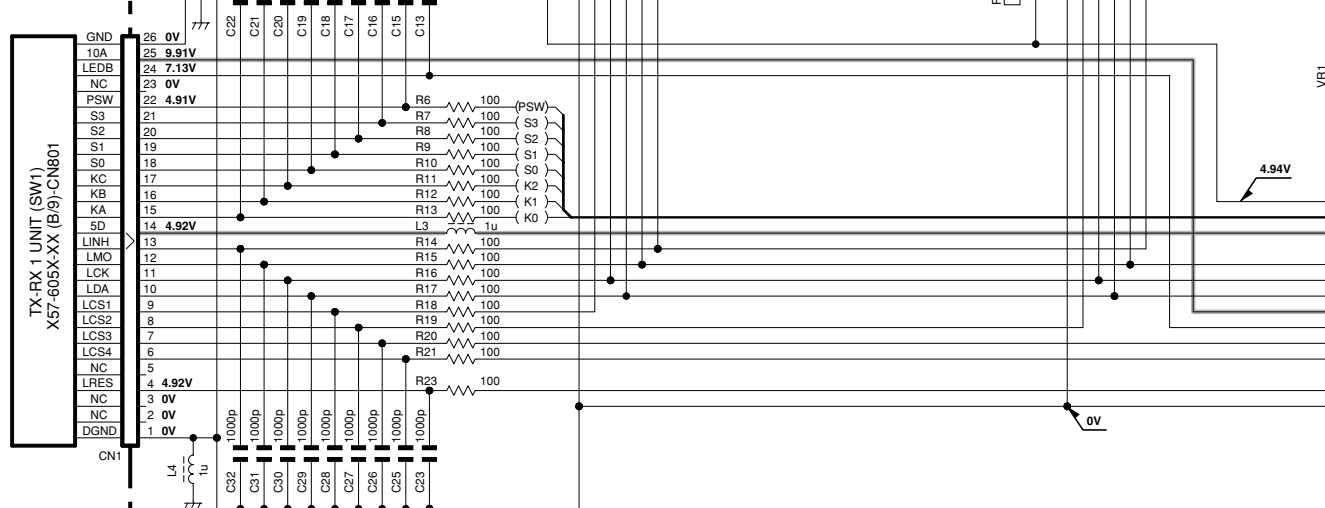
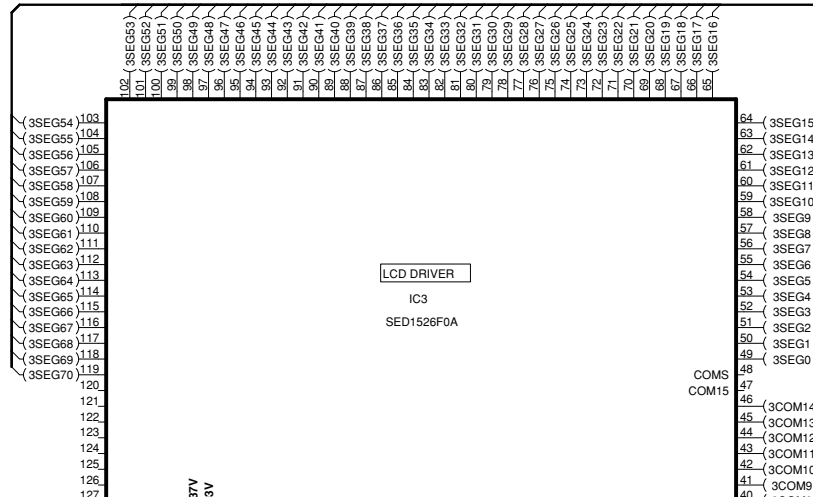
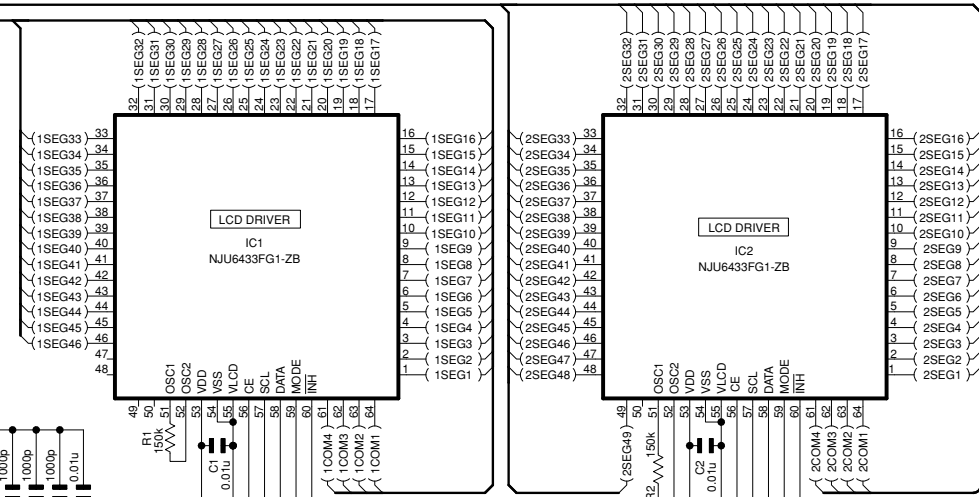
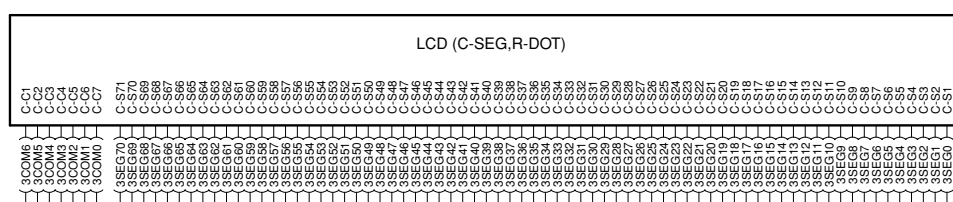
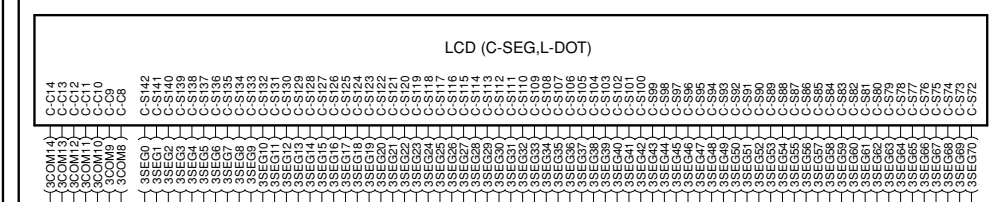
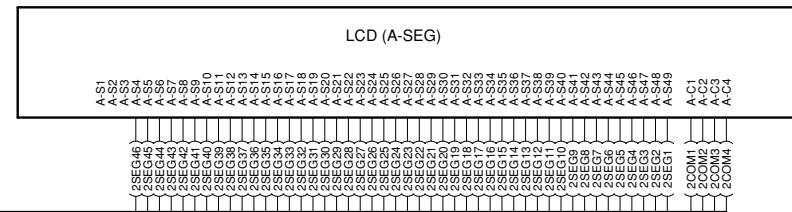
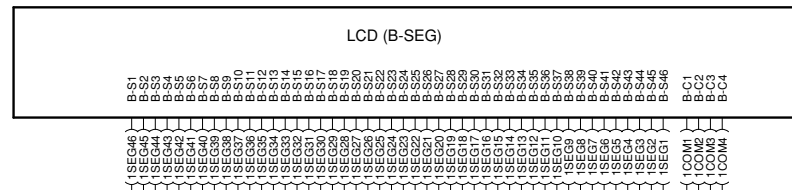
|      | X51-315X-XX    | D351   | K351        | K352        | L16 | L351 | L352        | L353        | R40 | R41 | C38 | C351 | C353 | C355 | C356 | C357 | C358  | C362 | C403 | C406 | C407 | C411 |
|------|----------------|--------|-------------|-------------|-----|------|-------------|-------------|-----|-----|-----|------|------|------|------|------|-------|------|------|------|------|------|
| 0-00 | J,J2           | NO     | NO          | NO          | 27n | NO   | NO          | NO          | 33k | NO  | 33p | NO   | NO   | NO   | NO   | NO   | NO    | NO   | 100p | 39p  | 33p  | 10p  |
| 0-01 | J1,J3          | NO     | NO          | NO          | 27n | NO   | NO          | NO          | NO  | NO  | 33p | NO   | NO   | NO   | NO   | NO   | NO    | NO   | 100p | 39p  | 33p  | 10p  |
| 0-11 | K1,K2,K3       | NO     | NO          | NO          | NO  | NO   | NO          | NO          | 33k | 0   | NO  | NO   | NO   | NO   | NO   | NO   | NO    | NO   | 100p | 39p  | 33p  | 10p  |
| 2-71 | E1,E2,E3,E4,E5 | 1SS355 | S76-0423-05 | S76-0423-05 | 27n | 47u  | L39-1221-05 | L39-1221-05 | 33k | NO  | 33p | 82p  | 47p  | 470p | 100p | 120p | 0.01u | 120p | 56p  | 27p  | 82p  | NO   |

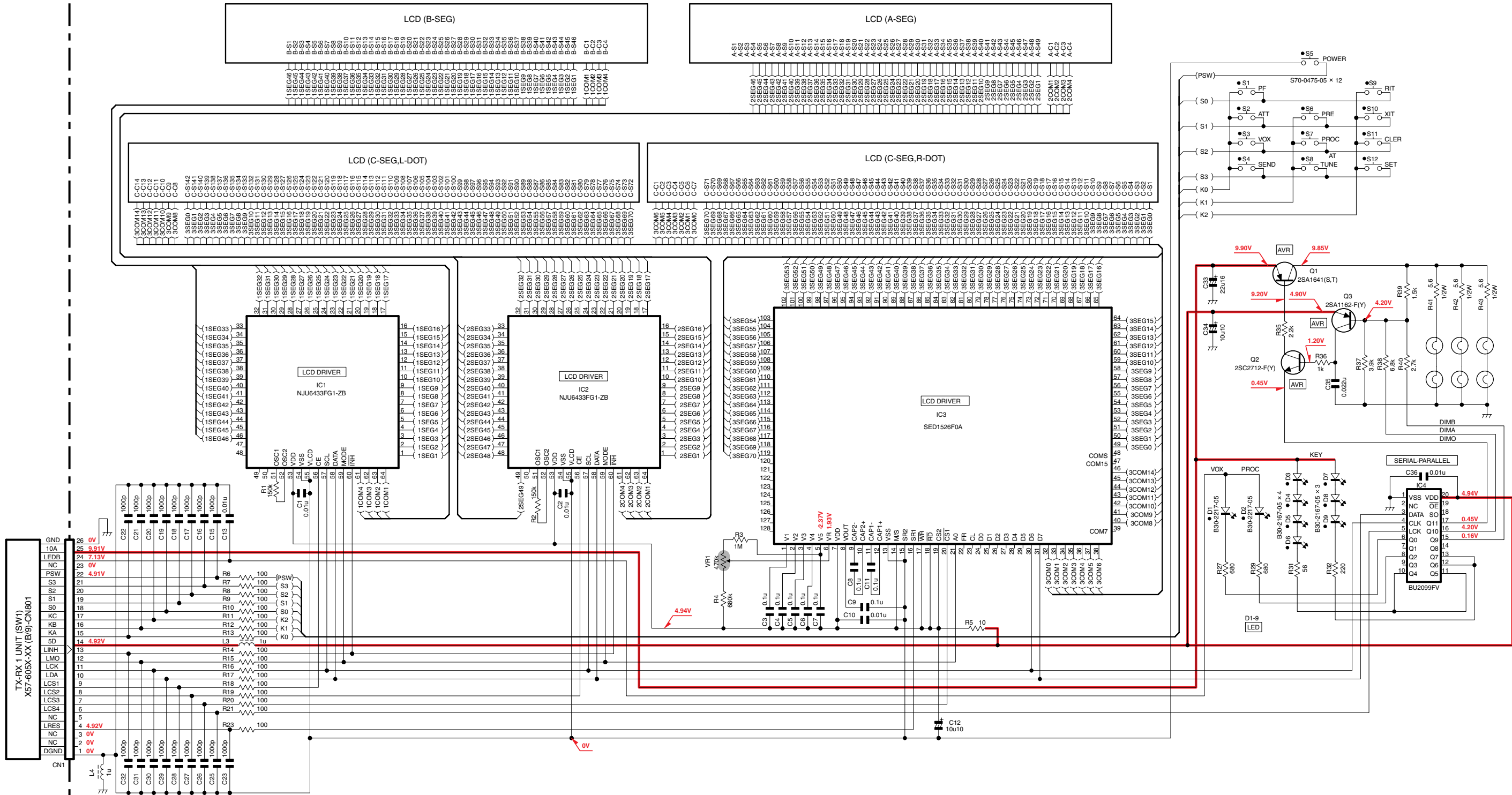
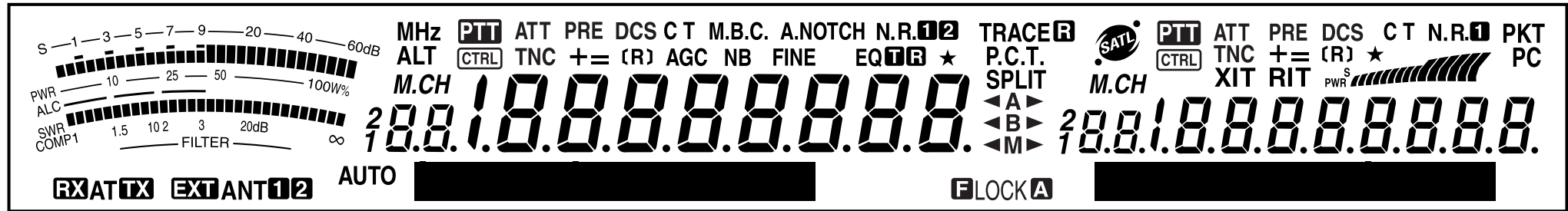
MHz **PTT** ATT PRE DCS CT M.B.C. A.NOTCH N.R. **12** TRACER  
ALT **CTRL** TNC += (R) AGC NB FINE EQ **T** ★ P.C.T.  
M.CH **8.8.1.8.8.8.8.8.8.8** SPLIT  
**8.8.1.8.8.8.8.8.8.8** **A**  
**B**  
**M**

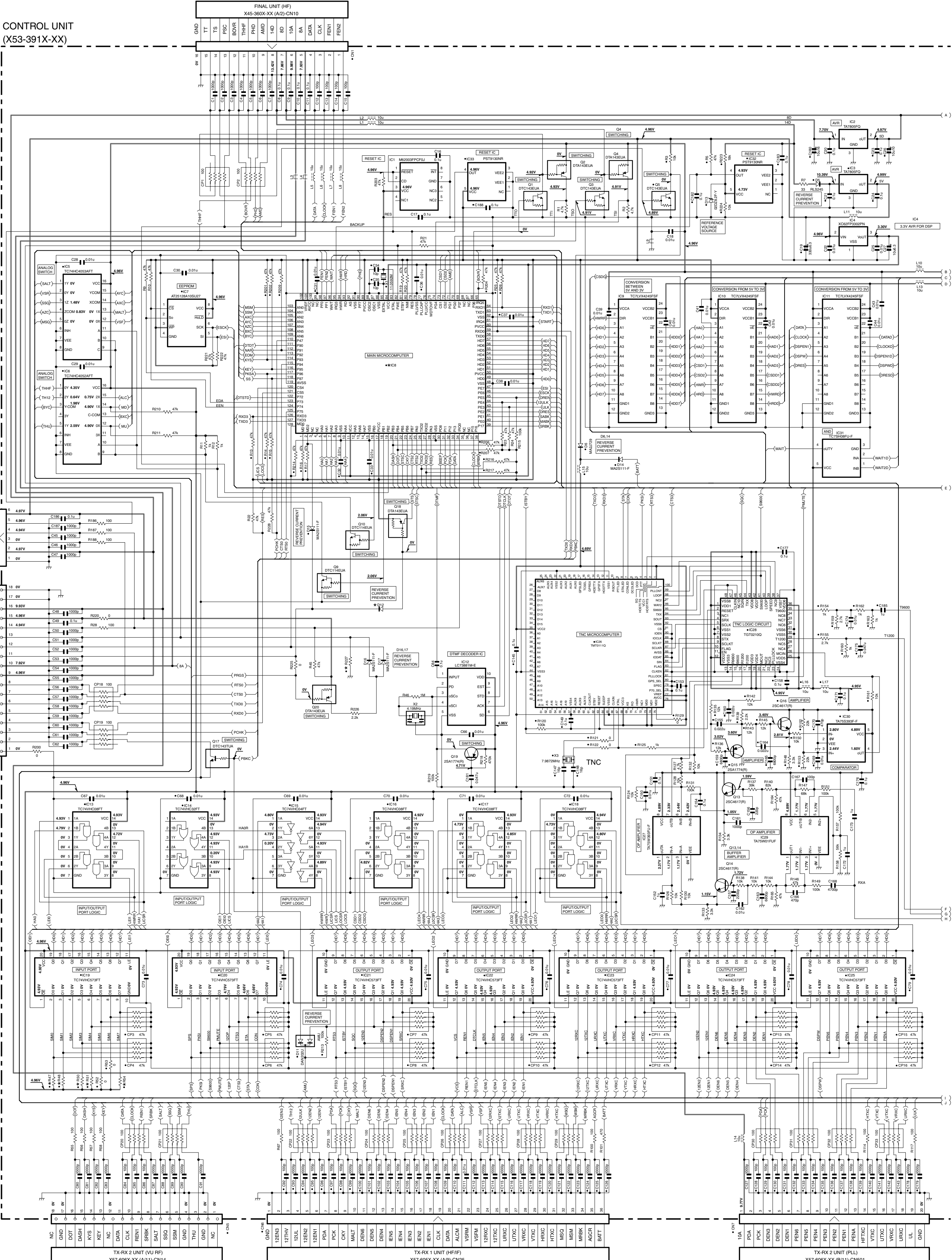
  ATT PRE DCS CT N.R. PK  
M.CH TNC [=] {R} ★ PWR S PC

RX AT TX EXT ANT 1 2

## AUTO

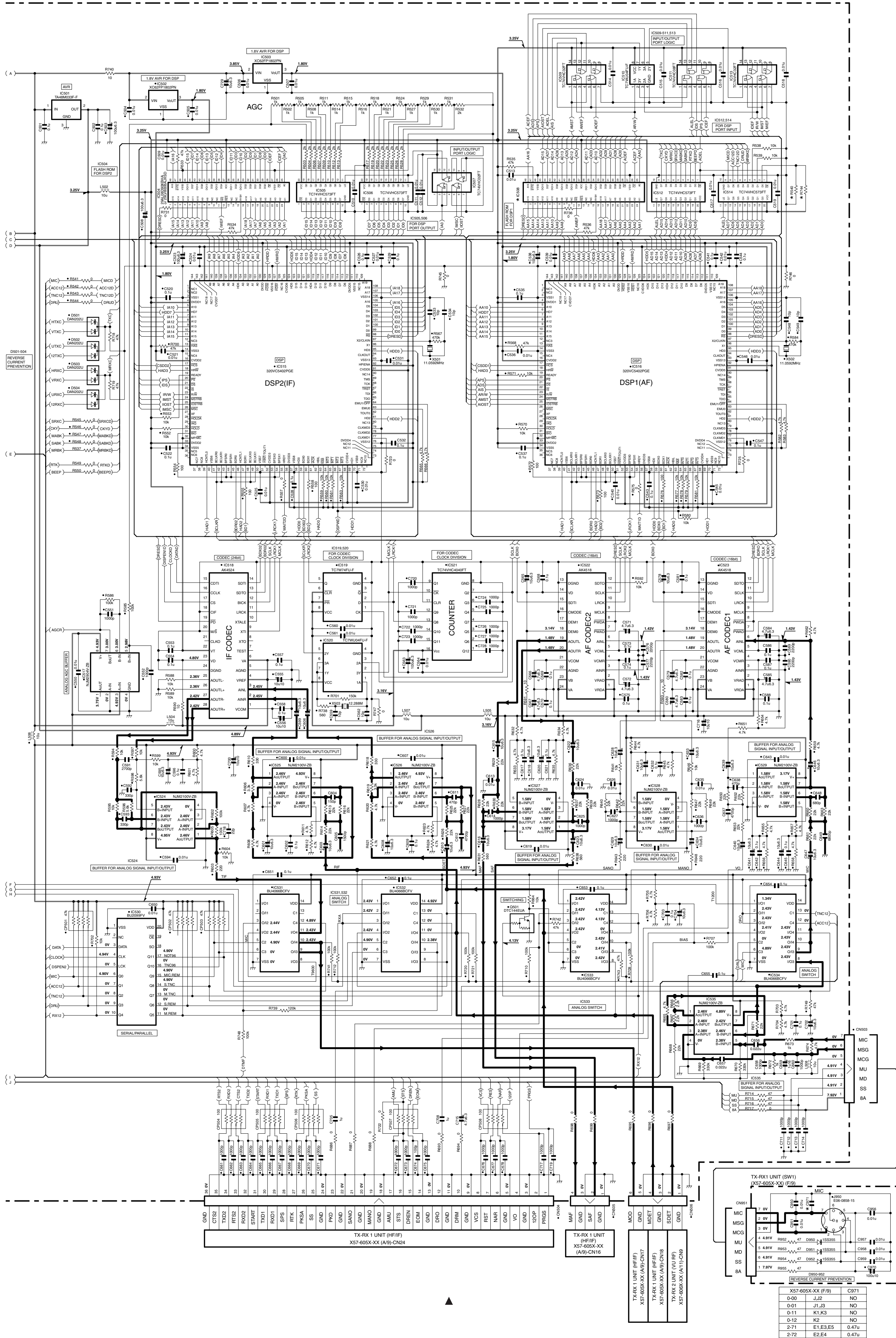
**FLOCK A**



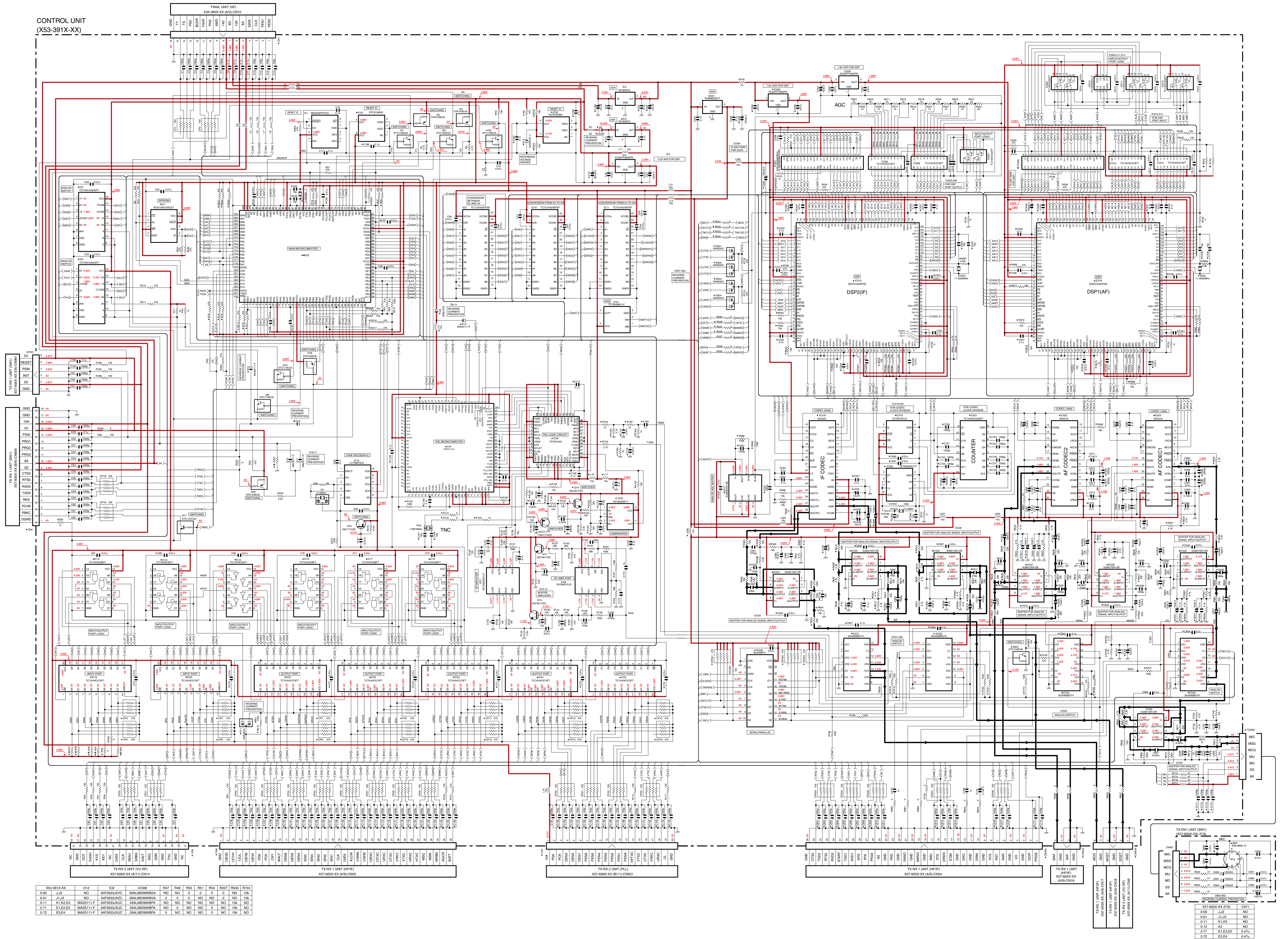


| X53-391X-XX |          | D12      | IC8         | IC508        | R47 | R48 | R50 | R51 | R54 | R227 | R540 | R744 |
|-------------|----------|----------|-------------|--------------|-----|-----|-----|-----|-----|------|------|------|
| 0-00        | J,J2     | NO       | 64F2633JXVC | 29A08D90KBGA | NO  | NO  | 0   | 0   | 0   | 0    | NO   | 10k  |
| 0-01        | J1,J3    | NO       | 64F2633JXCZ | 29A08D90KBGA | 0   | 0   | 0   | NO  | NO  | 0    | NO   | 10k  |
| 0-11        | K1,K2,K3 | MA2S111F | 64F2633JXUC | 29A08D90KBFA | NO  | NO  | NO  | NO  | NO  | NO   | 10k  | NO   |
| 2-71        | E1,E2,E5 | MA2S111F | 64F2633JXUC | 29A08D90KBFA | NO  | 0   | NO  | NO  | 0   | NO   | 10k  | NO   |
| 2-72        | E3,E4    | MA2S111F | 64F2633JXUC | 29A08D90KBFA | 0   | NO  | NO  | NO  | 0   | NO   | 10k  | NO   |

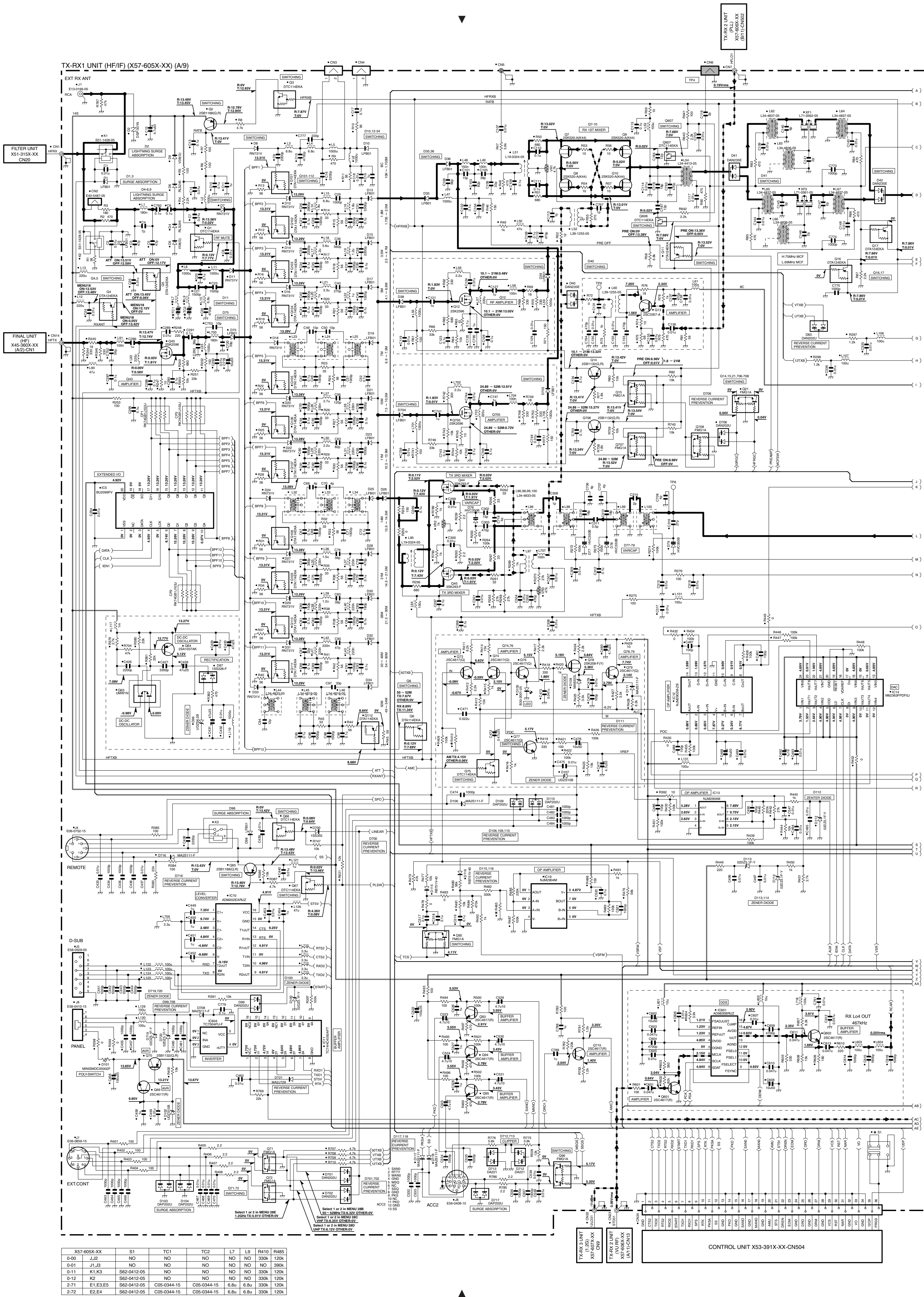
Note : Components marked with a dot (•) are parts of layer 1.



CONTROL UNIT  
(X53-391X-XX)



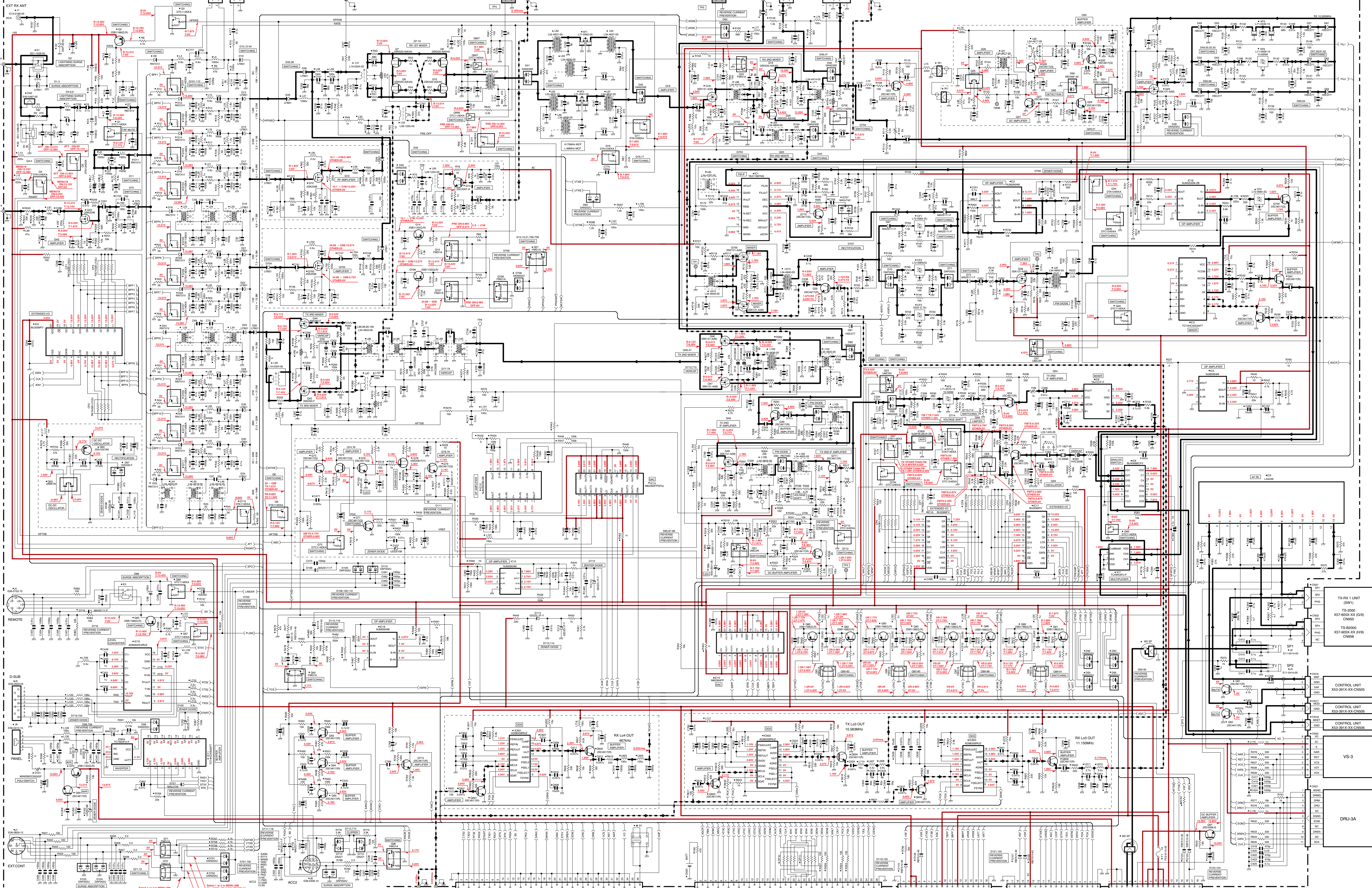
TS-2000/B2000/2000X  
TS-2000S/2000V/2000SX/2000VX SCHEMATIC DIAGRAM



Note : Components marked with a dot (•) are parts of layer 1.

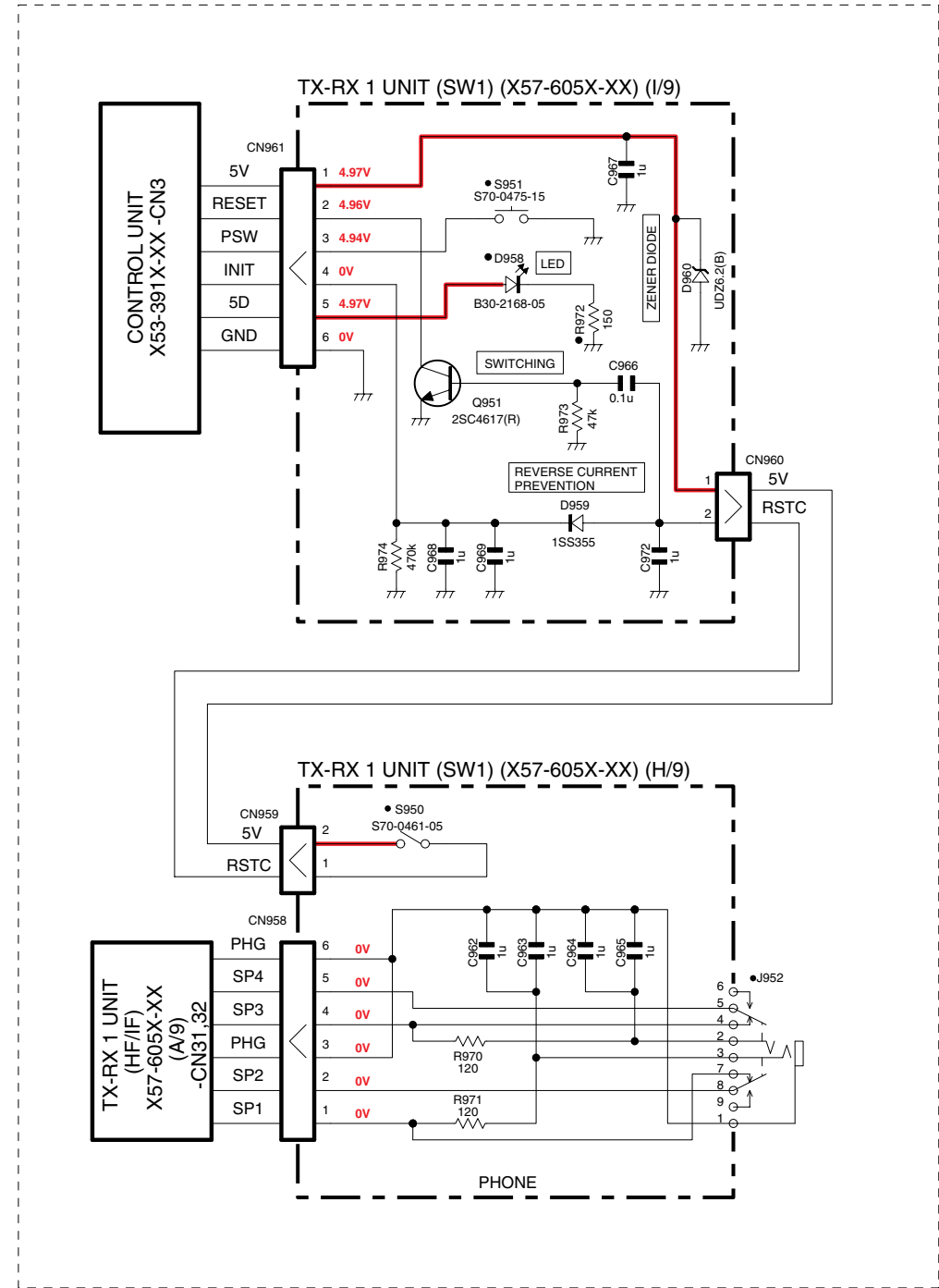
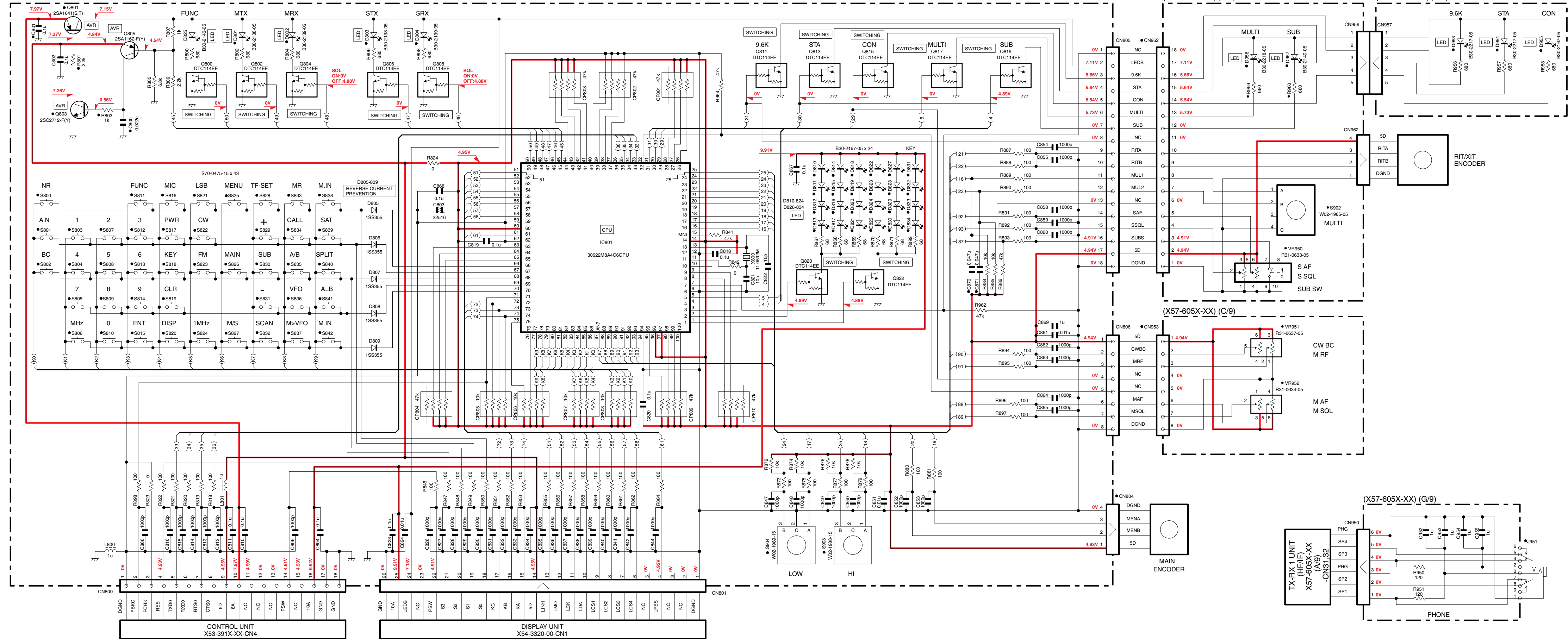
| X57-605X-XX |          | R767 |
|-------------|----------|------|
| 0-00        | J,J2     | 10k  |
| 0-01        | J1,J3    | 0    |
| 0-11        | K1,K3    | 10k  |
| 0-12        | K2       | 10k  |
| 2-71        | E1,E3,E5 | 10k  |
| 2-72        | F2 F4    | 10k  |

TX-RX1 UNIT (HF/F) (X57-605X-XX) (A/9)



| X57-605X-XX |        |             |             |             |      |      |      |
|-------------|--------|-------------|-------------|-------------|------|------|------|
| 0-00        | J1J2   | NO          | NO          | NO          | NO   | 330K | 100K |
| 0-01        | J1J3   | NO          | NO          | NO          | NO   | NO   | 390K |
| 0-11        | K1 K2  | S60-0412-05 | NO          | NO          | 330K | 100K | NO   |
| 0-12        | K2     | S60-0412-05 | NO          | NO          | NO   | 330K | 100K |
| 2-71        | E1E3E5 | S60-0412-05 | C05-0344-15 | C05-0344-15 | 8.8u | 8.8u | 330K |
| 2-72        | E2E4   | S60-0412-05 | C05-0344-15 | C05-0344-15 | 8.8u | 8.8u | 330K |

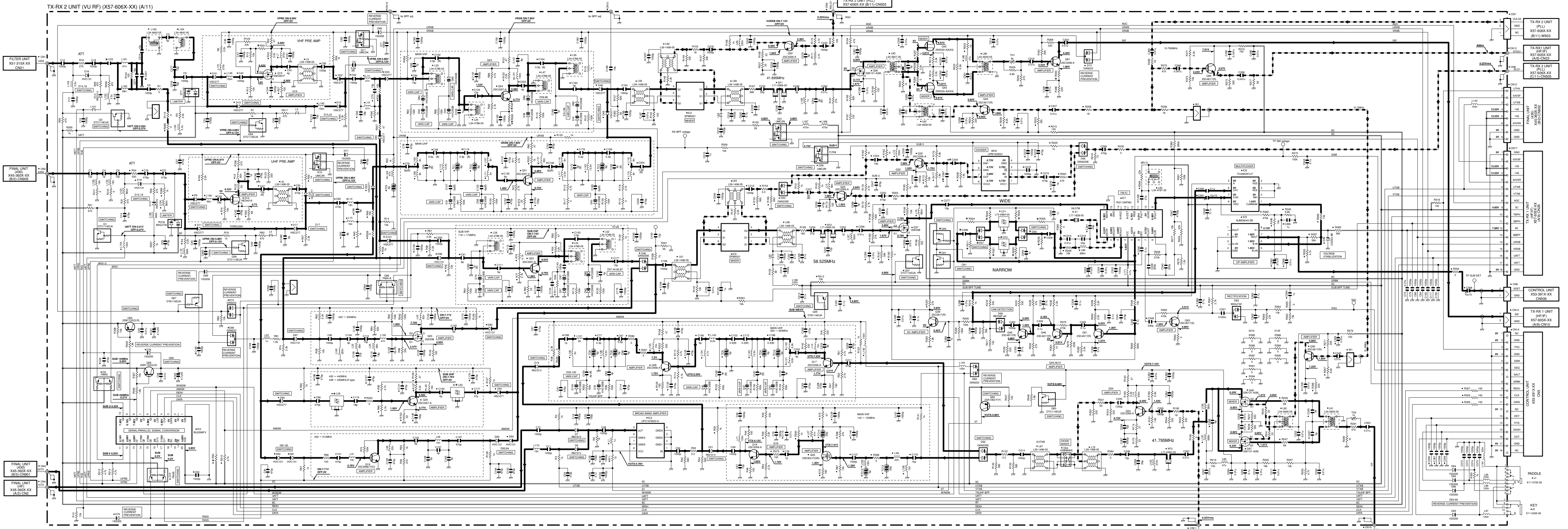




TS-2000/B2000/2000X  
TS-2000S/2000V/2000SX/2000VX

# SCHEMATIC DIAGRAM

Note : The components marked with a dot (•) are parts of layer 1.

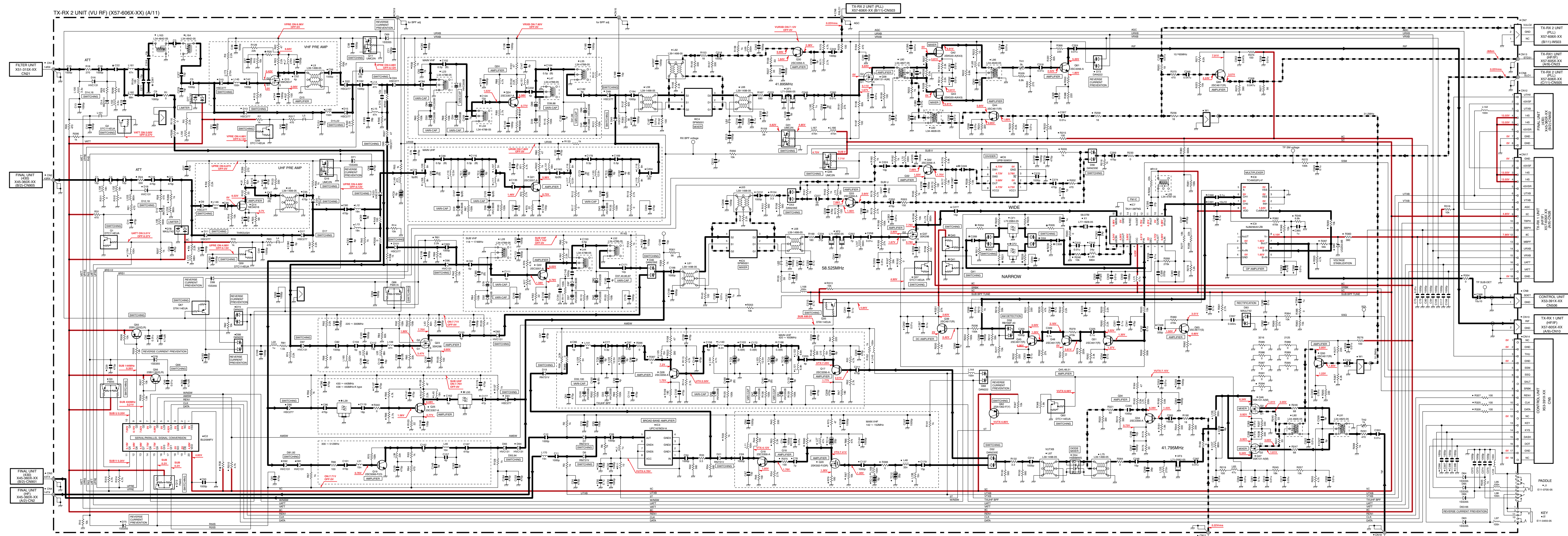


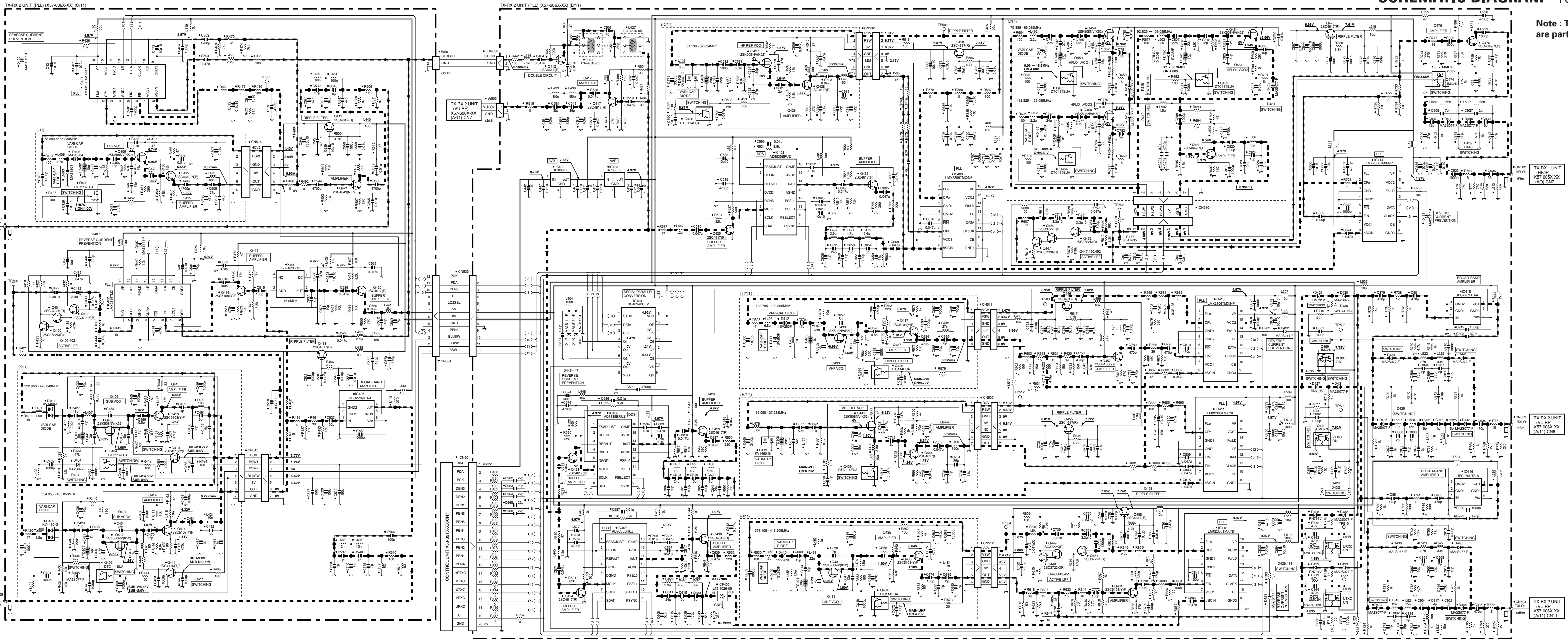
| X57-606X-XX |                | CF2         | D57     | D59     | Q40       | Q41        | L29         | L50         | R20  | R30  | R97 | R211 | R220 | R221 | R225 | R226 | R236 | R304 | R305 | R350 | R399 | C8   | C22 | C249 | C289 | C308 | C361 | C387 |     |
|-------------|----------------|-------------|---------|---------|-----------|------------|-------------|-------------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|-----|
| 0-00        | JJ1,J2,J3      | NO          | NO      | NO      | NO        | NO         | L79-1868-05 | L79-1868-05 | 5.6k | NO   | 12  | NO   | NO   | NO   | NO   | NO   | NO   | 0    | 10   | 10   | 12p  | 100p | 5p  | NO   | NO   | 19p  | 47p  |      |     |
| 0-11        | K1,K2,K3       | NO          | NO      | NO      | NO        | NO         | L79-1868-05 | L79-1868-05 | 22k  | NO   | 15  | NO   | NO   | NO   | NO   | NO   | NO   | 0    | 0    | 0    | 6.8  | 22p  | 18p | 10p  | NO   | NO   | 27p  | 18p  |     |
| 2-71        | E1,E2,E3,E4,E5 | L79-0986-05 | DAN235E | DAN235E | DTA114EUA | DT1C144EUA | L79-1868-05 | L79-1868-05 | 5.6k | 4.7k | 12  | 15k  | 22k  | 22k  | 22k  | 22k  | 15k  | NO   | NO   | 0    | 10   | 100  | 12p | 100p | 5p   | 0.1u | 0.1u | 18p  | 47p |

TX-RX 2 UNIT  
(PL)  
X57-606X-XX  
(B11)-CN503

TX-RX 1 UNIT  
(HFIF)  
X57-606X-XX  
(A/9)-CN49

TX-RX 2 UNIT (VU RF) (X57-606X-XX) (A/11)

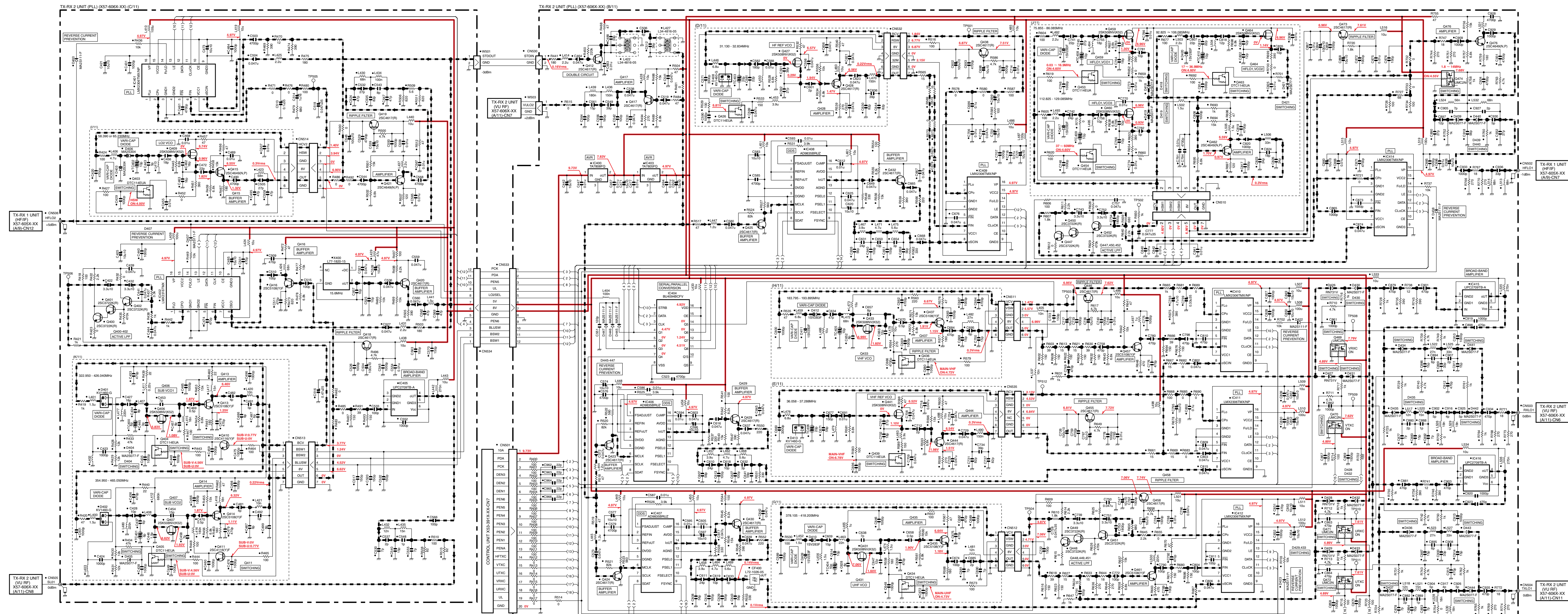




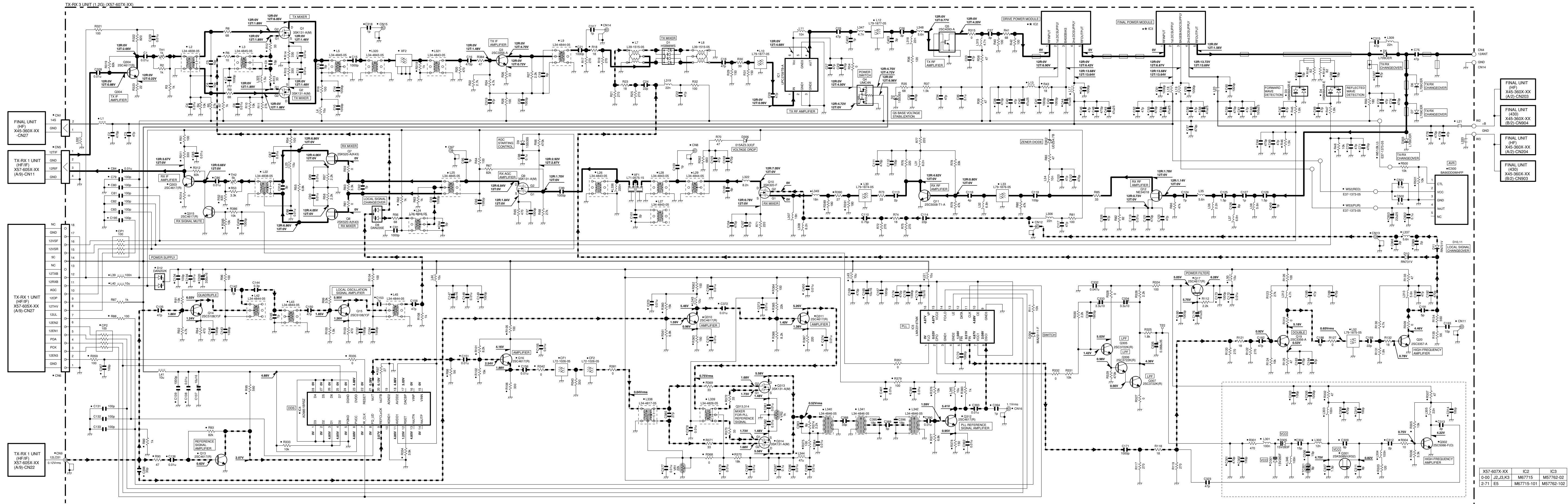
# SCHEMATIC DIAGRAM

TS-2000/B2000/2000X  
TS-2000S/2000V/2000SX/2000VX

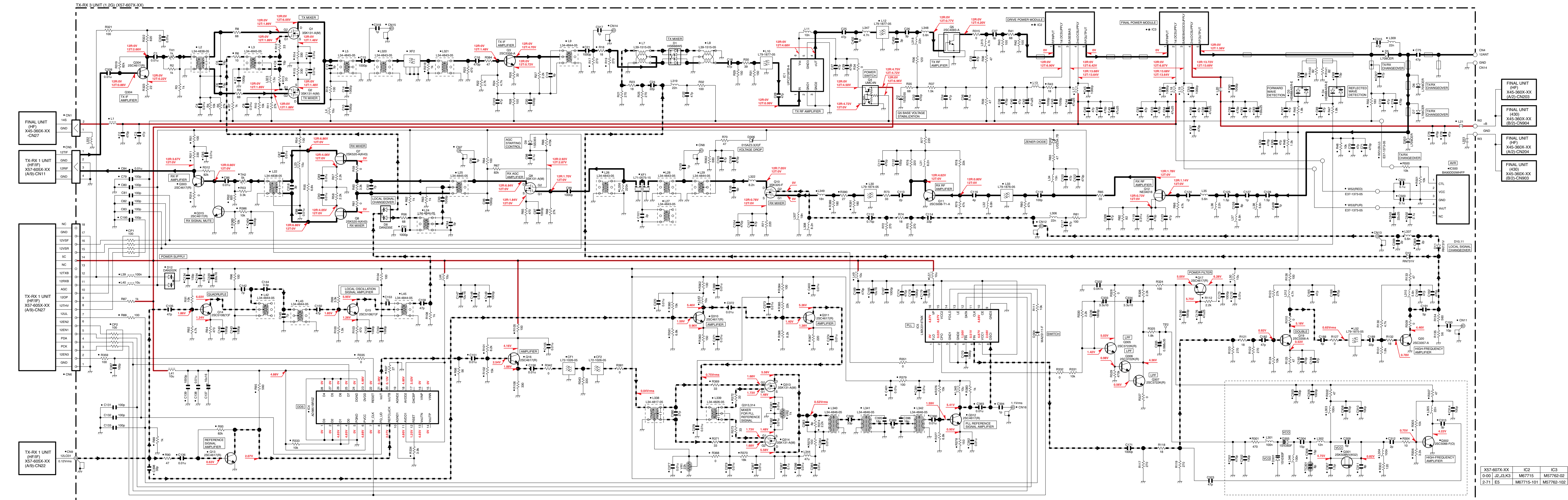
Note : The components marked with a dot (•) are parts of layer 1.



**Note :** The components marked with a dot (•) are parts of layer 1.



|               |            |            |
|---------------|------------|------------|
| X57-607X-XX   | IC2        | IC3        |
| 0-00 J2,J3,K3 | M67715     | M57762-02  |
| 2-71 E5       | M67715-101 | M57762-102 |





TS-2000/B2000/2000X  
TS-2000S/2000V/2000SX/2000VX

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