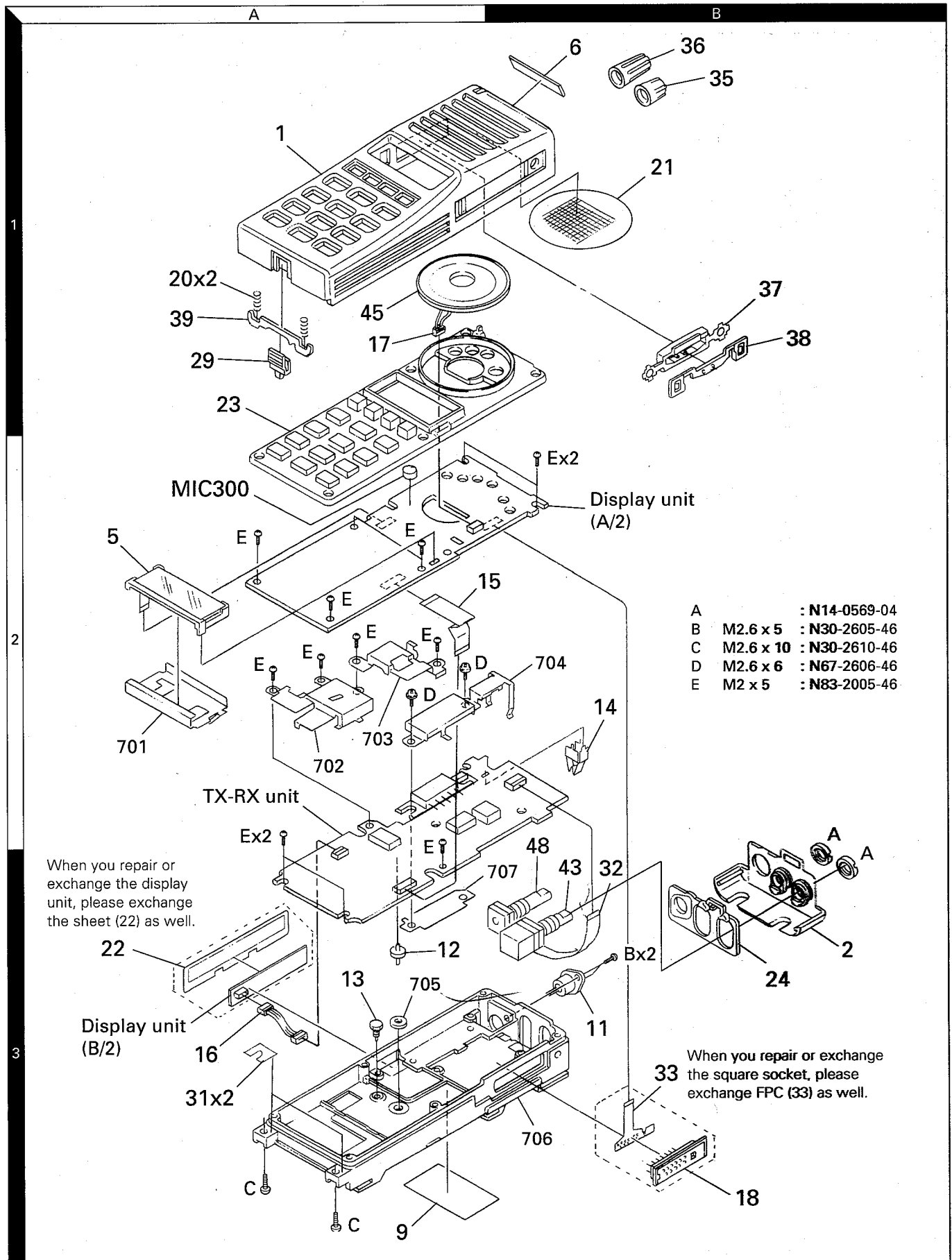
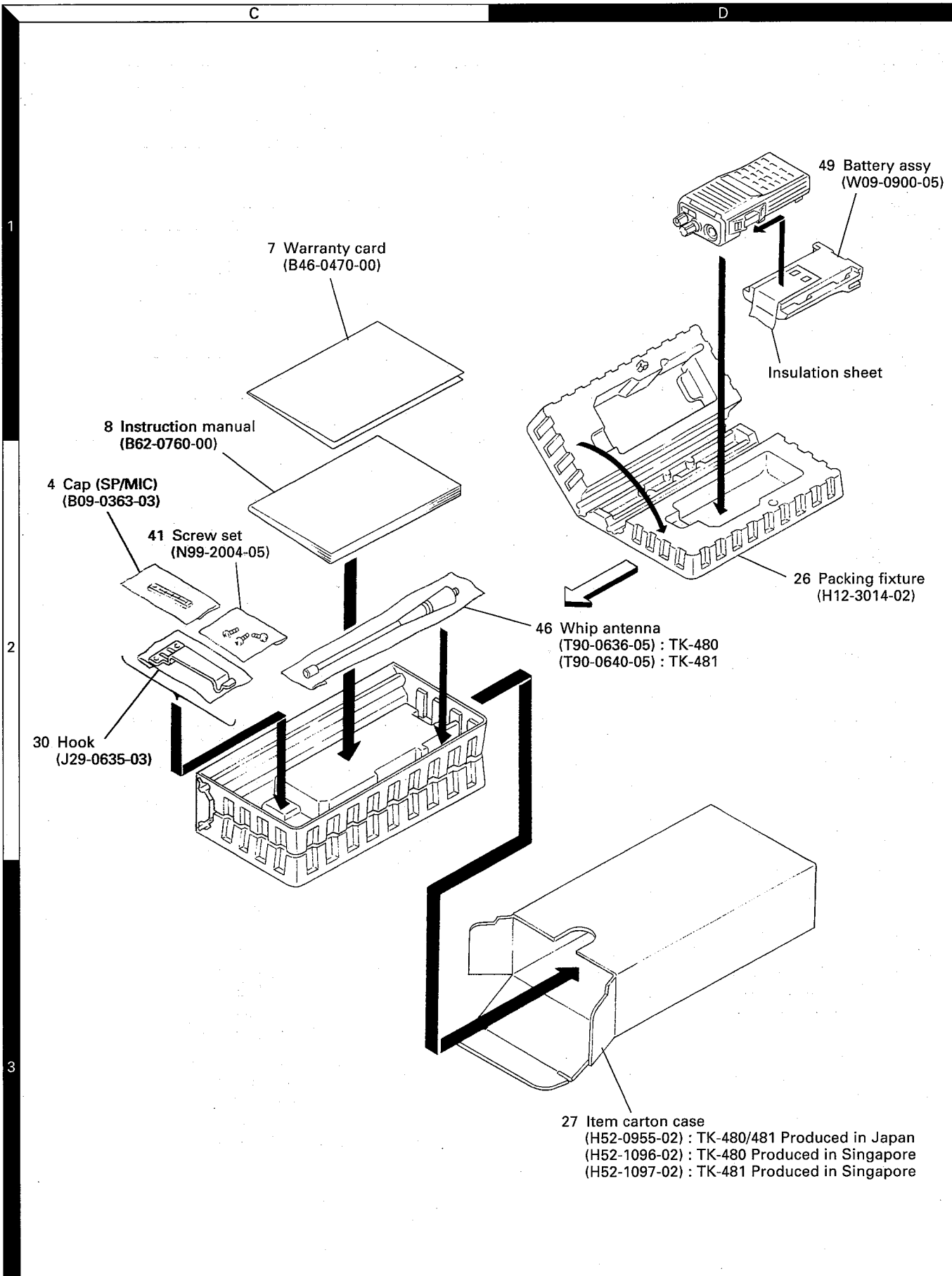


## EXPLODED VIEW



Parts with the exploded numbers larger than 700 are not supplied.

## PACKING



## 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

Y : PX (Far East, Hawaii)

Y : AAFES (Europe)

K : USA

T : England

X : Australia

P : Canada

E : Europe

M : Other Areas

## TK-480/481

## DISPLAY UNIT (X54-3180-XX)/(X54-3210-XX)

| Ref. No.          | Address | New parts | Parts No.   | Description                  | Destination |
|-------------------|---------|-----------|-------------|------------------------------|-------------|
| <b>TK-480/481</b> |         |           |             |                              |             |
| 1                 | 1A      | *         | A02-2054-13 | CABINET ASSY 4KEY            | AB-K        |
| 1                 | 1A      | *         | A02-2055-13 | CABINET ASSY 16KEY           | AB-K2       |
| 2                 | 3B      | *         | A62-0535-04 | PANEL ASSY                   |             |
| 4                 | 2C      | *         | B09-0363-03 | CAP SP/MIC ACSY              |             |
| 5                 | 2A      | *         | B38-0781-05 | LCD ASSY                     |             |
| 6                 | 1B      | *         | B43-1106-14 | BADGE KENWOOD                |             |
| 7                 | 1C      | *         | B46-0470-00 | WARRANTY CARD                |             |
| 8                 | 2C      | *         | B62-0760-00 | INSTRUCTION MANUAL           |             |
| 9                 | 3A      | *         | B72-1243-04 | MODEL NAME PLATE             | A-J         |
| 9                 | 3A      | *         | B72-1244-04 | MODEL NAME PLATE             | B-J         |
| 9                 | 3A      | *         | B72-1365-04 | MODEL NAME PLATE             | A-S         |
| 9                 | 3A      | *         | B72-1366-04 | MODEL NAME PLATE             | B-S         |
| 11                | 3B      | *         | E04-0406-05 | RF COAXIAL RECEPTACLE (SMA)  |             |
| 12                | 3A      | *         | E23-1047-05 | TERMINAL BATT+               |             |
| 13                | 3A      | *         | E23-1048-05 | TERMINAL BATT-               |             |
| 14                | 2B      | *         | E23-1049-04 | TERMINAL ANT                 |             |
| 15                | 2A      | *         | E37-0672-05 | FLAT CABLE CONT-TX-RX        |             |
| 16                | 3A      | *         | E37-0673-05 | LEAD WIRE WITH CONNECTOR PTT |             |
| 17                | 1A      | *         | E37-0674-05 | LEAD WIRE WITH CONNECTOR SP  |             |
| 18                | 3B      | *         | E58-0440-05 | SQUARE SOCKET SP/MIC         |             |
| 20                | 1A      |           | G01-0881-04 | COIL SPRING                  |             |
| 21                | 1B      | *         | G10-0799-04 | FIBROUS SHEET SP             |             |
| 22                | 3A      | *         | G11-0800-04 | SHEET PTT                    |             |
| 23                | 1A      | *         | G53-0809-02 | PACKING 4KEY                 | AB-K        |
| 23                | 1A      | *         | G53-0810-02 | PACKING 16KEY                | AB-K2       |
| 24                | 3B      | *         | G53-0811-03 | PACKING TOP                  |             |
| 26                | 2D      | *         | H12-3014-02 | PACKING FIXTURE              |             |
| 27                | 3D      | *         | H52-0955-02 | ITEM CARTON CASE             | AB-J        |
| 27                | 3D      | *         | H52-1096-02 | ITEM CARTON CASE             | A-S         |
| 27                | 3D      | *         | H52-1097-02 | ITEM CARTON CASE             | B-S         |
| 29                | 1A      |           | J19-1572-04 | HOLDER                       |             |
| 30                | 2C      | *         | J29-0635-03 | HOOK ACSY                    |             |
| 31                | 3A      | *         | J30-1241-04 | SPACER CHASSIS               |             |
| 32                | 3B      | *         | J82-0045-05 | FPC VOL,ENC                  |             |
| 33                | 3B      | *         | J82-0046-05 | FPC SOKET                    |             |
| 35                | 1B      | *         | K29-5154-03 | KNOB (WITH SPRING) VOL       |             |
| 36                | 1B      | *         | K29-5155-03 | KNOB (WITH SPRING) ENC       |             |
| 37                | 1B      | *         | K29-5157-03 | KNOB PTT                     |             |
| 38                | 1B      | *         | K29-5158-03 | KEY TOP PTT                  |             |
| 39                | 1A      | *         | K29-5165-03 | LEVER KNOB                   |             |
| A                 | 3B      |           | N14-0569-04 | CIRCULAR NUT VOL,ENC         |             |
| B                 | 3B      |           | N30-2605-46 | PAN HEAD MACHINE SCREW ANT   |             |
| C                 | 3A      |           | N30-2610-46 | PAN HEAD MACHINE SCREW       |             |
| D                 | 2A      |           | N67-2606-46 | PAN HEAD SEMS SCREW MODULE   |             |
| E                 | 2A,2B   |           | N83-2005-46 | PAN HEAD TAPTITE SCREW UNIT  |             |
| 41                | 2C      | *         | N99-2004-05 | SCREW SET ACSY               |             |
| 43                | 3B      | *         | R31-0617-05 | VARIABLE RESISTOR            |             |
| S300              | -       |           | S70-0414-05 | TACT SWITCH                  |             |
| 45                | 1A      | *         | T07-0347-05 | SPEAKER                      |             |

| Ref. No. | Address | New parts | Parts No.   | Description       | Destination |
|----------|---------|-----------|-------------|-------------------|-------------|
| 46       | 2C      | *         | T90-0636-05 | WIP ANTI-EMI/RFI  | A-K,K2      |
| 46       | 2C      | *         | T90-0640-05 | WIP ANTI-EMI/RFI  | B-K,K2      |
| MIC300   | 2A      | *         | T91-0579-05 | MIC ELEMENT       |             |
| 48       | 3B      |           | W02-1814-05 | ENCODER           |             |
| 49       | 1D      | *         | W09-0900-05 | BATTERY ASSY ACSY |             |

**DISPLAY UNIT (X54-3180-XX) : Produced in Japan**  
**DISPLAY UNIT (X54-3210-XX) : Produced in Singapore**  
**-10 : K -11 : K2**

|           |  |   |               |                      |       |
|-----------|--|---|---------------|----------------------|-------|
| D301      |  | * | B30-2019-05   | LED (RED)            | AB-K2 |
| D305,306  |  | * | B30-2171-05   | LED (160808)         |       |
| D307-310  |  | * | B30-2171-05   | LED (160808)         |       |
| C301      |  |   | CC73GCH1H470J | CHIP C               |       |
| C302      |  |   | C92-0560-05   | CHIP-TAN             |       |
| C304      |  |   | CK73FB1C474K  | CHIP C               |       |
| C305      |  |   | CC73GCH1H101J | CHIP C               |       |
| C307      |  |   | CK73GB1C104K  | CHIP C               |       |
| C308      |  |   | CC73GCH1H101J | CHIP C               |       |
| C309      |  |   | CK73FB1C474K  | CHIP C               |       |
| C310      |  |   | CK73GB1C104K  | CHIP C               |       |
| C311      |  |   | CC73GCH1H470J | CHIP C               |       |
| C312      |  |   | CK73GB1C104K  | CHIP C               |       |
| C313      |  |   | C92-0628-05   | CHIP-TAN             |       |
| C314      |  |   | C92-0647-05   | CHIP-TAN             |       |
| C315      |  |   | CC73GCH1H101J | CHIP C               |       |
| C316,317  |  |   | CC73GCH1H470J | CHIP C               |       |
| C318      |  |   | CC73GCH1H101J | CHIP C               |       |
| C321-333  |  |   | CC73GCH1H470J | CHIP C               |       |
| C335-339  |  |   | CC73GCH1H470J | CHIP C               |       |
| C340      |  |   | CK73GB1E153K  | CHIP C               |       |
| C341-344  |  |   | CC73GCH1H470J | CHIP C               |       |
| CN300     |  | * | E40-5891-05   | FLAT CABLE CONNECTOR |       |
| CN301     |  | * | E40-5892-05   | FLAT CABLE CONNECTOR |       |
| CN302     |  | * | E40-5662-05   | PIN ASSY SOCKET      |       |
| CN303     |  | * | E40-5887-05   | PIN ASSY             |       |
| CN304     |  | * | E40-5823-05   | FLAT CABLE CONNECTOR |       |
| L300,301  |  |   | L92-0141-05   | FERRITE CHIP         |       |
| L302,303  |  |   | L92-0138-05   | FERRITE CHIP         |       |
| L304,305  |  |   | L92-0141-05   | FERRITE CHIP         |       |
| L306,307  |  |   | L92-0138-05   | FERRITE CHIP         |       |
| L308,309  |  |   | L92-0141-05   | FERRITE CHIP         |       |
| CP300,301 |  |   | R90-0723-05   | MULTI-COMP           |       |
| CP302     |  |   | R90-0724-05   | MULTI-COMP           |       |
| CP303     |  |   | R90-0724-05   | MULTI-COMP           |       |
| R300      |  |   | RK73GB1J103J  | CHIP R               |       |
| R301      |  |   | RK73FB2A101J  | CHIP R               |       |
| R302      |  |   | RK73GB1J470J  | CHIP R               |       |
| R303      |  |   | RK73GB1J471J  | CHIP R               |       |
| R304      |  |   | RK73GB1J182J  | CHIP R               |       |
| R305      |  |   | RK73GB1J104J  | CHIP R               |       |
| R306      |  |   | R92-1252-05   | CHIP R               |       |

A : TK-480 (K,K2)

B : TK-481 (K,K2)

J : Produced in Japan

S : Produced in Singapore

## PARTS LIST

DISPLAY UNIT (X54-3180-XX)/(X54-3210-XX)  
TX-RX UNIT (X57-5370-XX)/(X57-5630-XX)

| Ref. No.                                         | Address | New parts | Parts No.     | Description          | Destination | Ref. No. | Address | New parts | Parts No.     | Description          | Destination |
|--------------------------------------------------|---------|-----------|---------------|----------------------|-------------|----------|---------|-----------|---------------|----------------------|-------------|
| R307                                             |         |           | RK73GB1J821J  | CHIP R 820 J 1/16W   |             | C8       |         |           | CK73GB1E223K  | CHIP C 0.022UF K     |             |
| R308                                             |         |           | RK73GB1J153J  | CHIP R 15K J 1/16W   |             | C9       |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |             |
| R309                                             |         |           | R92-1252-05   | CHIP R 0 OHM         |             | C10      |         |           | C92-0507-05   | CHIP-TAN 4.7UF 6.3WV |             |
| R310                                             |         |           | RK73GB1J331J  | CHIP R 330 J 1/16W   |             | C11      |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |             |
| R311                                             |         |           | RK73GB1J102J  | CHIP R 1.0K J 1/16W  |             | C12,13   |         |           | C92-0507-05   | CHIP-TAN 4.7UF 6.3WV |             |
| R312                                             |         |           | RK73GB1J104J  | CHIP R 100K J 1/16W  |             | C14      |         |           | C92-0576-05   | CHIP-TAN 1.0UF 6.3WV |             |
| R313,314                                         |         |           | RK73GB1J102J  | CHIP R 1.0K J 1/16W  |             | C15      |         |           | CC73GCH1H100D | CHIP C 10PF D        |             |
| R315                                             |         |           | RK73GB1J104J  | CHIP R 100K J 1/16W  |             | C16,17   |         |           | CC73GCH1H101J | CHIP C 100PF J       |             |
| R316                                             |         |           | RK73GB1J473J  | CHIP R 47K J 1/16W   |             | C18      |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |             |
| R317                                             |         |           | RK73GB1J472J  | CHIP R 4.7K J 1/16W  |             | C19-23   |         |           | CC73GCH1H101J | CHIP C 100PF J       |             |
| R318                                             |         |           | RK73GB1J104J  | CHIP R 100K J 1/16W  |             | C24      |         |           | C92-0507-05   | CHIP-TAN 4.7UF 6.3WV |             |
| R319                                             |         |           | RK73GB1J820J  | CHIP R 82 J 1/16W    | AB-K2       | C25      |         |           | CK73FB1A105K  | CHIP C 1.0UF K       |             |
| R320,321                                         |         |           | RK73GB1J820J  | CHIP R 82 J 1/16W    |             | C26      |         |           | CK73GB1E123K  | CHIP C 0.012UF K     |             |
| R324                                             |         |           | RK73GB1J102J  | CHIP R 1.0K J 1/16W  | AB-K2       | C27      |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |             |
| R325                                             |         |           | RK73GB1J102J  | CHIP R 1.0K J 1/16W  |             | C28-30   |         |           | CC73GCH1H101J | CHIP C 100PF J       |             |
| R326                                             |         |           | RK73GB1J124J  | CHIP R 120K J 1/16W  |             | C31      |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |             |
| R327                                             |         |           | RK73GB1J563J  | CHIP R 56K J 1/16W   |             | C32      |         |           | CK73GB1H472K  | CHIP C 4700PF K      |             |
| R328                                             |         |           | RK73GB1J124J  | CHIP R 120K J 1/16W  |             | C33      |         |           | CK73GB1H471K  | CHIP C 470PF K       |             |
| R331                                             |         |           | RK73GB1J822J  | CHIP R 8.2K J 1/16W  |             | C34      |         |           | C92-0560-05   | CHIP-TAN 10UF 6.3WV  |             |
| R332                                             |         |           | RK73GB1J272J  | CHIP R 2.7K J 1/16W  |             | C35      |         |           | CK73GB1C333K  | CHIP C 0.033UF K     |             |
| R333                                             |         |           | RK73GB1J103J  | CHIP R 10K J 1/16W   |             | C36      |         |           | CC73GCH1H820J | CHIP C 82PF J        |             |
| R336                                             |         |           | R92-1252-05   | CHIP R 0 OHM         |             | C37      |         |           | C92-0560-05   | CHIP-TAN 10UF 6.3WV  |             |
| R337                                             |         |           | RK73GB1J472J  | CHIP R 4.7K J 1/16W  |             | C38      |         |           | CC73GCH1H101J | CHIP C 100PF J       |             |
| R338-341                                         |         |           | RK73GB1J101J  | CHIP R 100 J 1/16W   |             | C39      |         |           | CC73GCH1H221J | CHIP C 220PF J       |             |
|                                                  |         |           |               |                      |             | C40      |         |           | CC73GCH1H101J | CHIP C 100PF J       |             |
| S301-303                                         |         | *         | S70-0457-05   | TACT SWITCH PTT      |             | C41      |         |           | CK73FB1C334K  | CHIP C 0.33UF K      |             |
| D300                                             |         | *         | NNCD6.8G      | ZENER DIODE          |             | C42      |         |           | CK73GB1E103K  | CHIP C 0.010UF K     |             |
| D302                                             |         |           | 1SS373        | DIODE                |             | C43      |         |           | C92-0513-05   | CHIP-TAN 3.3UF 6.3WV |             |
| D303                                             |         | *         | 015AZ2.4-X    | ZENER DIODE          |             | C44      |         |           | C92-0662-05   | CHIP-TAN 15UF 6.3WV  |             |
| D304                                             |         |           | MA2S111       | DIODE                | AB-K2       | C45      |         |           | CC73GCH1H220J | CHIP C 22PF J        |             |
| D315                                             |         |           | IMN10         | DIODE                | AB-K2       | C46      |         |           | CC73GCH1H221J | CHIP C 220PF J       |             |
| D316                                             |         |           | MA2S111       | DIODE                |             | C47      |         |           | CK73GB1E223K  | CHIP C 0.022UF K     |             |
| D317                                             |         |           | MA2S111       | DIODE                |             | C48      |         |           | CC73GCH1H220J | CHIP C 22PF J        |             |
| D318                                             |         |           | IMN10         | DIODE                |             | C49,50   |         |           | CK73GB1H102K  | CHIP C 1000PF K      |             |
| D319-321                                         |         | *         | 015AZ6.8      | ZENER DIODE          |             | C51      |         |           | CK73GB1E223K  | CHIP C 0.022UF K     |             |
| IC300                                            |         | *         | TDA7053AT     | IC (AUDIO AMP)       |             | C52-54   |         |           | CK73GB1H102K  | CHIP C 1000PF K      |             |
| IC301                                            |         | *         | MC74HC4017F   | IC (GATE CMOS)       |             | C55      |         |           | CC73GCH1H150J | CHIP C 15PF J        |             |
| Q300                                             |         |           | 2SJ243        | FET                  |             | C56      |         |           | CK73GB1H222K  | CHIP C 2200PF K      |             |
| Q301                                             |         |           | UPA672T       | FET                  |             | C57      |         |           | CK73GB1E153K  | CHIP C 0.015UF K     |             |
| Q302-304                                         |         |           | 2SC4617(S)    | TRANSISTOR           |             | C58      |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |             |
| Q305                                             |         |           | 2SB798(DL,DK) | TRANSISTOR           |             | C59      |         |           | CC73GCH1H101J | CHIP C 100PF J       |             |
| Q306                                             |         |           | 2SC4617(S)    | TRANSISTOR           |             | C60      |         |           | CC73GCH1H100D | CHIP C 10PF D        |             |
| Q307                                             |         |           | 2SB1132(Q,R)  | TRANSISTOR           |             | C61      |         |           | CC73GCH1H040C | CHIP C 4.0PF C       | A-K,K2      |
| Q308                                             |         |           | UPA672T       | FET                  |             | C62      |         |           | CC73GCH1H050C | CHIP C 5.0PF C       | B-K,K2      |
| Q309                                             |         |           | 2SC4617(S)    | TRANSISTOR           |             | C63      |         |           | CK73GB1E103K  | CHIP C 0.010UF K     |             |
| Q310                                             |         |           | 2SK1824       | FET                  |             | C64      |         |           | CC73GCH1H101J | CHIP C 100PF J       |             |
| TH300                                            |         | *         | TN103S154JT   | THERMISTOR           |             | C65      |         |           | CC73GCH1H271J | CHIP C 270PF J       |             |
|                                                  |         |           |               |                      |             | C66      |         |           | CK73GB1H103K  | CHIP C 0.010UF K     |             |
|                                                  |         |           |               |                      |             | C67      |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |             |
|                                                  |         |           |               |                      |             | C68      |         |           | CK73GB1H122K  | CHIP C 1200PF K      |             |
| TX-RX UNIT (X57-5370-XX) : Produced in Japan     |         |           |               |                      |             | C69      |         |           | CC73GCH1H040C | CHIP C 4.0PF C       | A-K,K2      |
| TX-RX UNIT (X57-5630-XX) : Produced in Singapore |         |           |               |                      |             | C70-72   |         |           | C92-0559-05   | CHIP-TAN 6.8UF 6.3WV |             |
| -10 : TK-480 -11 : TK-481                        |         |           |               |                      |             | C73      |         |           | CK73GB1E103K  | CHIP C 0.010UF K     |             |
| C1,2                                             |         |           | CK73GB1E103K  | CHIP C 0.010UF K     |             | C74      |         |           | CC73GCH1H101J | CHIP C 100PF J       |             |
| C3,4                                             |         |           | CC73GCH1H101J | CHIP C 100PF J       |             | C75      |         |           | CK73GB1C333K  | CHIP C 0.033UF K     |             |
| C5                                               |         |           | CK73GB1E103K  | CHIP C 0.010UF K     |             | C76      |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |             |
| C6                                               |         |           | C92-0507-05   | CHIP-TAN 4.7UF 6.3WV |             | C77      |         |           | CK73GB1H562K  | CHIP C 5600PF K      |             |
| C7                                               |         |           | CC73GCH1H101J | CHIP C 100PF J       |             | C78      |         |           | CK73GB1E103K  | CHIP C 0.010UF K     |             |

A : TK-480 (K,K2) J : Produced in Japan  
B : TK-481 (K,K2) S : Produced in Singapore

## PARTS LIST

TX-RX UNIT (X57-5370-XX)/(X57-5630-XX)

| Ref. No. | Address | New parts | Parts No.     | Description          | Destination | Ref. No. | Address | New parts | Parts No.     | Description                | Destination |
|----------|---------|-----------|---------------|----------------------|-------------|----------|---------|-----------|---------------|----------------------------|-------------|
| C79      |         |           | CC73GCH1H121J | CHIP C 120PF J       |             | C140     |         |           | CK73FB1A105K  | CHIP C 1.0UF K             |             |
| C80      |         |           | CK73GB1C683K  | CHIP C 0.068UF K     |             | C141     |         |           | CK73GB1H472K  | CHIP C 470PF K             |             |
| C81      |         |           | CC73GCH1H101J | CHIP C 100PF J       |             | C142,143 |         |           | CC73GCH1H101J | CHIP C 100PF J             |             |
| C82,83   |         |           | CK73GB1H562K  | CHIP C 5600PF K      |             | C144     |         |           | CK73GB1C273K  | CHIP C 0.027UF K           |             |
| C84      |         |           | CC73GCH1H270J | CHIP C 27PF J        | A-K,K2      | C145,146 |         |           | CC73GCH1H101J | CHIP C 100PF J             |             |
| C84      |         |           | CC73GCH1H180J | CHIP C 18PF J        | B-K,K2      | C147,148 |         |           | CK73GB1E103K  | CHIP C 0.010UF K           |             |
| C85      |         |           | CK73GB1H272K  | CHIP C 2700PF K      |             | C149     |         |           | CC73GCH1H040C | CHIP C 40PF C              |             |
| C86      |         |           | CK73GB1C333K  | CHIP C 0.033UF K     |             | C150,151 |         |           | CC73GCH1H101J | CHIP C 100PF J             |             |
| C87      |         |           | CC73GCH1H030C | CHIP C 3.0PF C       |             | C152     |         |           | CC73GCH1H020C | CHIP C 2.0PF C             |             |
| C88      |         |           | CC73GCH1H101J | CHIP C 100PF J       |             | C153     |         |           | CC73GCH1H101J | CHIP C 100PF J             |             |
| C89,90   |         |           | CK73GB1H272K  | CHIP C 2700PF K      |             | C154     |         |           | CK73GB1C104K  | CHIP C 0.10UF K            |             |
| C91      |         |           | CK73GB1E103K  | CHIP C 0.010UF K     |             | C155     |         |           | CC73GCH1H101J | CHIP C 100PF J             |             |
| C92      |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |             | C156     |         |           | C92-0513-05   | CHIP-TAN 3.3UF 6.3WV       |             |
| C93      |         |           | CC73GCH1H151J | CHIP C 150PF J       |             | C157     |         |           | CC73GCH1H680J | CHIP C 68PF J              |             |
| C94      |         |           | CC73GCH1H101J | CHIP C 100PF J       |             | C158     |         |           | CC73GCH1H270J | CHIP C 27PF J              |             |
| C95      |         |           | C92-0504-05   | CHIP-TAN 0.68UF 20WV | A-K,K2      | C159     |         |           | CK73FB1H563K  | CHIP C 0.068UF K           |             |
| C95      |         |           | C92-0003-05   | CHIP-TAN 0.47UF 25WV | B-K,K2      | C160,161 |         |           | CC73GCH1H101J | CHIP C 100PF J             |             |
| C96      |         |           | CK73GB1H122K  | CHIP C 1200PF K      |             | C162     |         |           | CC73GCH1H270J | CHIP C 27PF J              |             |
| C97      |         |           | CK73GB1H102K  | CHIP C 1000PF K      |             | C163     |         |           | CK73FB1C474K  | CHIP C 0.47UF K            |             |
| C98      |         |           | CC73GCH1H030C | CHIP C 3.0PF C       |             | C164,165 |         |           | CC73GCH1H101J | CHIP C 100PF J             |             |
| C99      |         |           | CC73GCH1H010C | CHIP C 1.0PF C       | A-K,K2      | C166     |         |           | CC73GCH1H010C | CHIP C 1.0PF C             | A-K,K2      |
| C99      |         |           | CC73GCH1H0R5C | CHIP C 0.5PF C       | B-K,K2      | C166     |         |           | CC73GCH1HR75C | CHIP C 0.75PF C            | B-K,K2      |
| C100     |         |           | CC73GCH1H391J | CHIP C 390PF J       | A-K,K2      | C167     |         |           | CC73GCH1H101J | CHIP C 100PF J             |             |
| C100     |         |           | CK73GB1H821K  | CHIP C 820PF K       | B-K,K2      | C168     |         |           | CC73GCH1H020C | CHIP C 2.0PF C             |             |
| C101     |         |           | C92-0560-05   | CHIP-TAN 10UF 6.3WV  |             | C169-172 |         |           | CC73GCH1H101J | CHIP C 100PF J             |             |
| C102     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |             | C173     |         |           | CC73GCH1H020C | CHIP C 2.0PF C             |             |
| C103,104 |         |           | CC73GCH1H101J | CHIP C 100PF J       |             | C174     |         |           | CC73GCH1H1R5C | CHIP C 1.5PF C             |             |
| C105     |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |             | C175     |         |           | CC73GCH1H030C | CHIP C 3.0PF C             |             |
| C106-108 |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |             | C176     |         |           | CC73GCH1H010C | CHIP C 1.0PF C             | A-K,K2      |
| C109     |         |           | C92-0507-05   | CHIP-TAN 4.7UF 6.3WV |             | C176     |         |           | CC73GCH1HR75C | CHIP C 0.75PF C            | B-K,K2      |
| C110     |         |           | CC73GCH1H1R5B | CHIP C 1.5PF B       | A-K,K2      | C177     |         |           | CK73GB1C473K  | CHIP C 0.047UF K           |             |
| C110     |         |           | CC73GCH1H010C | CHIP C 1.0PF C       | B-K,K2      | C178-180 |         |           | CC73GCH1H101J | CHIP C 100PF J             |             |
| C111,112 |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |             | C181,182 |         |           | CK73GB1E103K  | CHIP C 0.010UF K           |             |
| C113     |         |           | CK73GB1C473K  | CHIP C 0.047UF K     |             | C183     |         |           | CC73GCH1H101J | CHIP C 100PF J             |             |
| C114,115 |         |           | CK73GB1H472K  | CHIP C 4700PF K      |             | C184     |         |           | CC73GCH1H030C | CHIP C 3.0PF C             |             |
| C116     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |             | C185     |         |           | CC73GCH1H101J | CHIP C 100PF J             |             |
| C118     |         |           | CK73GB1E103K  | CHIP C 0.010UF K     |             | C186     |         |           | CC73GCH1H1R5C | CHIP C 1.5PF C             |             |
| C119     |         |           | CC73GCH1HR75C | CHIP C 0.75PF C      |             | C187     |         |           | CC73GCH1H101J | CHIP C 100PF J             |             |
| C120     |         |           | CC73GCH1H101J | CHIP C 100PF J       |             | C192     |         |           | CC73GCH1H101J | CHIP C 100PF J             |             |
| C121     |         |           | CK73GB1E153K  | CHIP C 0.015UF K     |             | C193     |         |           | CC73GCH1H020C | CHIP C 2.0PF C             | A-K,K2      |
| C122     |         |           | CC73GCH1H030C | CHIP C 3.0PF C       | A-K,K2      | C193     |         |           | CC73GCH1H1R5C | CHIP C 1.5PF C             | B-K,K2      |
| C122     |         |           | CC73GCH1H080D | CHIP C 8.0PF D       | B-K,K2      | C194-199 |         |           | CC73GCH1H101J | CHIP C 100PF J             |             |
| C123     |         |           | C92-0507-05   | CHIP-TAN 4.7UF 6.3WV |             | C200     |         |           | CK73GB1E103K  | CHIP C 0.010UF K           |             |
| C124     |         |           | CK73GB1E103K  | CHIP C 0.010UF K     |             | C202     |         |           | CK73GB1E103K  | CHIP C 0.010UF K           |             |
| C125     |         |           | CK73GB1H102K  | CHIP C 1000PF K      |             | C203     |         |           | CC73GCH1H470J | CHIP C 47PF J              |             |
| C126     |         |           | CK73GB1C104K  | CHIP C 0.10UF K      |             | CN1      |         | *         | E40-5823-05   | FLAT CABLE CONNECTOR       |             |
| C127-129 |         |           | CC73GCH1H101J | CHIP C 100PF J       |             | CN2      |         |           | E40-9517-05   | PIN ASSY SOCKET            |             |
| C130     |         |           | CC73GCH1H100D | CHIP C 10PF D        |             | CN3      |         |           | E40-5890-05   | FLAT CABLE CONNECTOR 24P   |             |
| C131     |         |           | CC73GCH1H020C | CHIP C 2.0PF C       | A-K,K2      | CN4-9    |         |           | E23-1002-05   | TERMINAL                   |             |
| C131     |         |           | CC73GCH1H101J | CHIP C 100PF J       | B-K,K2      | CN10     |         |           | E23-0342-05   | TEST TERMINAL              |             |
| C132     |         |           | CC73GCH1H010C | CHIP C 1.0PF C       | A-K,K2      | CN11     |         |           | E23-1002-05   | TERMINAL                   |             |
| C132     |         |           | CC73GCH1HR75C | CHIP C 0.75PF C      | B-K,K2      | F1       |         |           | F53-0130-05   | FUSE 3.0A                  |             |
| C133     |         |           | CC73GCH1H101J | CHIP C 100PF J       |             |          |         |           |               |                            |             |
| C134     |         |           | CC73GCH1H010C | CHIP C 1.0PF C       | A-K,K2      |          |         |           |               |                            |             |
| C135     |         |           | CC73GCH1H101J | CHIP C 100PF J       |             |          |         |           |               |                            |             |
| C136     |         |           | CC73GCH1H030C | CHIP C 3.0PF C       |             | CD1      |         |           | L79-1072-05   | TUNING COIL                |             |
| C137     |         |           | CC73GCH1H101J | CHIP C 100PF J       |             | CF1,2    |         |           | L72-0916-05   | CERAMIC FILTER 455KHZ      | A-K,K2      |
| C138     |         |           | CK73GB1E103K  | CHIP C 0.010UF K     |             | CF1,2    |         |           | L72-0939-05   | CERAMIC FILTER 455KHZ      | B-K,K2      |
| C139     |         |           | CC73GCH1H101J | CHIP C 100PF J       |             | L1       |         |           | L92-0149-05   | FERRITE CHIP               |             |
|          |         |           |               |                      |             | L3       |         |           | L40-1095-34   | SMALL FIXED INDUCTOR (1UH) |             |

**A : TK-480 (K,K2)      J : Produced in Japan**  
**B : TK-481 (K,K2)      S : Produced in Singapore**

## PARTS LIST

TX-RX UNIT (X57-5370-XX)/(X57-5630-XX)

| Ref. No. | Address | New parts | Parts No.    | Description                     | Destination | Ref. No. | Address | New parts | Parts No.    | Description         | Destination |
|----------|---------|-----------|--------------|---------------------------------|-------------|----------|---------|-----------|--------------|---------------------|-------------|
| L4       |         |           | L40-4791-37  | SMALL FIXED INDUCTOR (4.700UH)  |             | R9       |         |           | RK73GB1J154J | CHIP R 150K J 1/16W |             |
| L5       |         |           | L92-0138-05  | FERRITE CHIP                    |             | R10      |         |           | RK73GB1J103J | CHIP R 10K J 1/16W  |             |
| L6       |         |           | L40-2781-37  | SMALL FIXED INDUCTOR (0.270UH)  | A-K,K2      | R11      |         |           | RK73GB1J473J | CHIP R 47K J 1/16W  | A-K,K2      |
| L6       |         |           | L40-3981-37  | SMALL FIXED INDUCTOR (0.390UH)  | B-K,K2      | R11      |         |           | RK73GB1J223J | CHIP R 22K J 1/16W  | B-K,K2      |
| L7       |         |           | L40-1881-37  | SMALL FIXED INDUCTOR (0.180UH)  | A-K,K2      | R12      |         |           | RK73GB1J104J | CHIP R 100K J 1/16W |             |
| L7       |         |           | L40-2781-37  | SMALL FIXED INDUCTOR (0.270UH)  | B-K,K2      | R13      |         |           | RK73GB1J683J | CHIP R 68K J 1/16W  |             |
| L8       |         |           | L92-0138-05  | FERRITE CHIP                    |             | R14      |         |           | RK73GB1J394J | CHIP R 390K J 1/16W |             |
| L9       |         |           | L40-1871-36  | SMALL FIXED INDUCTOR (18NH)     |             | R15      |         |           | RK73GB1J472J | CHIP R 4.7K J 1/16W |             |
| L10      |         |           | L40-1075-36  | SMALL FIXED INDUCTOR (10NH)     |             | R16      |         |           | RK73GB1J104J | CHIP R 100K J 1/16W |             |
| L11      |         | *         | L79-1464-05  | DIELECTRIC FILTER 860MHZ        | A-K,K2      | R17      |         |           | RK73GB1J473J | CHIP R 47K J 1/16W  |             |
| L11      |         | *         | L79-1466-05  | DIELECTRIC FILTER 938MHZ        | B-K,K2      | R18      |         |           | RK73GB1J332J | CHIP R 3.3K J 1/16W |             |
| L12      |         |           | L92-0138-05  | FERRITE CHIP                    |             | R19      |         |           | RK73GB1J152J | CHIP R 1.5K J 1/16W |             |
| L13      |         |           | L40-1071-36  | SMALL FIXED INDUCTOR (10NH)     |             | R20      |         |           | RK73GB1J473J | CHIP R 47K J 1/16W  |             |
| L14      |         | *         | L40-1075-36  | SMALL FIXED INDUCTOR (10NH)     | A-K,K2      | R21      |         |           | RK73GB1J154J | CHIP R 150K J 1/16W |             |
| L14      |         | *         | L40-1275-36  | SMALL FIXED INDUCTOR (12NH)     | B-K,K2      | R22      |         |           | RK73GB1J182J | CHIP R 1.8K J 1/16W |             |
| L15      |         |           | L40-4761-36  | SMALL FIXED INDUCTOR (4.7NH)    | A-K,K2      | R23      |         |           | RK73GB1J563J | CHIP R 56K J 1/16W  | A-K,K2      |
| L15      |         |           | L40-3361-36  | SMALL FIXED INDUCTOR (3.3NH)    | B-K,K2      | R23      |         |           | RK73GB1J124J | CHIP R 120K J 1/16W | B-K,K2      |
| L17      |         |           | L40-1071-36  | SMALL FIXED INDUCTOR (10NH)     | A-K,K2      | R24      |         |           | RK73GB1J274J | CHIP R 270K J 1/16W |             |
| L17      |         |           | L40-8261-36  | SMALL FIXED INDUCTOR (8.2NH)    | B-K,K2      | R25      |         |           | RK73GB1J473J | CHIP R 47K J 1/16W  |             |
| L18      |         |           | L40-2271-36  | SMALL FIXED INDUCTOR (22NH)     | A-K,K2      | R26      |         |           | RK73GB1J332J | CHIP R 3.3K J 1/16W |             |
| L18      |         |           | L40-1571-36  | SMALL FIXED INDUCTOR (15NH)     | B-K,K2      | R28      |         |           | RK73GB1J220J | CHIP R 22 J 1/16W   |             |
| L19      |         |           | L40-1071-36  | SMALL FIXED INDUCTOR (10NH)     | A-K,K2      | R29      |         |           | RK73GB1J183J | CHIP R 18K J 1/16W  | A-K,K2      |
| L19      |         |           | L40-8261-36  | SMALL FIXED INDUCTOR (8.2NH)    | B-K,K2      | R29      |         |           | RK73GB1J123J | CHIP R 12K J 1/16W  | B-K,K2      |
| L20      |         | *         | L79-1465-05  | DIELECTRIC FILTER 860MHZ        | A-K,K2      | R30      |         |           | RK73GB1J473J | CHIP R 47K J 1/16W  |             |
| L20      |         | *         | L79-1467-05  | DIELECTRIC FILTER 938MHZ        | B-K,K2      | R31      |         |           | RK73GB1J472J | CHIP R 4.7K J 1/16W |             |
| L21      |         |           | L40-6861-36  | SMALL FIXED INDUCTOR (6.8NH)    | A-K,K2      | R32      |         |           | R92-1252-05  | CHIP R 0 OHM        |             |
| L21      |         |           | L40-5661-36  | SMALL FIXED INDUCTOR (5.6NH)    | B-K,K2      | R33      |         |           | RK73GB1J822J | CHIP R 8.2K J 1/16W |             |
| L22,23   |         |           | L92-0138-05  | FERRITE CHIP                    |             | R34      |         |           | RK73GB1J334J | CHIP R 330K J 1/16W |             |
| L24      |         |           | L40-6861-36  | SMALL FIXED INDUCTOR (6.8NH)    | A-K,K2      | R35      |         |           | RK73GB1J101J | CHIP R 100 J 1/16W  |             |
| L24      |         |           | L40-5661-36  | SMALL FIXED INDUCTOR (5.6NH)    | B-K,K2      | R36      |         |           | RK73GB1J472J | CHIP R 4.7K J 1/16W |             |
| L25      |         |           | L92-0149-05  | FERRITE CHIP                    |             | R37      |         |           | RK73GB1J104J | CHIP R 100K J 1/16W |             |
| L26      |         |           | L92-0138-05  | FERRITE CHIP                    |             | R38      |         |           | RK73GB1J151J | CHIP R 150 J 1/16W  |             |
| L27      |         |           | L40-6875-54  | SMALL FIXED INDUCTOR (68NH)     |             | R39      |         |           | RK73GB1J560J | CHIP R 56 J 1/16W   |             |
| L28      |         |           | L33-0761-05  | SMALL FIXED INDUCTOR            |             | R40      |         |           | RK73GB1J272J | CHIP R 2.7K J 1/16W |             |
| L29      |         |           | L40-1071-36  | SMALL FIXED INDUCTOR (10NH)     |             | R41-43   |         |           | RK73GB1J102J | CHIP R 1.0K J 1/16W |             |
| L30      |         | *         | L79-1468-05  | FILTER MODULE 870MHZ            | A-K,K2      | R44      |         |           | R92-0670-05  | CHIP R 0 OHM        |             |
| L30      |         | *         | L79-1469-05  | FILTER MODULE 960MHZ            | B-K,K2      | R45      |         |           | RK73GB1J104J | CHIP R 100K J 1/16W |             |
| L31      |         |           | L33-0760-05  | SMALL FIXED INDUCTOR            |             | R46      |         | *         | RN73GH1J683D | CHIP R 68K D 1/16W  |             |
| L32      |         |           | L40-6875-54  | SMALL FIXED INDUCTOR (68NH)     |             | R47      |         |           | RK73GB1J104J | CHIP R 100K J 1/16W |             |
| L34      |         |           | L40-8261-36  | SMALL FIXED INDUCTOR (8.2NH)    | A-K,K2      | R48      |         |           | RN73GH1J333D | CHIP R 33K D 1/16W  |             |
| L34      |         |           | L40-1071-36  | SMALL FIXED INDUCTOR (10NH)     | B-K,K2      | R49      |         |           | RK73GB1J684J | CHIP R 680K J 1/16W |             |
| L35      |         |           | L92-0138-05  | FERRITE CHIP                    |             | R50      |         |           | RK73GB1J564J | CHIP R 560K J 1/16W |             |
| X1       |         | *         | L77-1700-05  | CRYSTAL RESONATOR (44.395MHZ)   |             | R51      |         |           | RK73GB1J331J | CHIP R 330 J 1/16W  | A-K,K2      |
| X2       |         | *         | L77-1698-05  | VCXO (16.8MHZ)                  | A-K,K2      | R51      |         |           | RK73GB1J270J | CHIP R 270 J 1/16W  | B-K,K2      |
| X2       |         | *         | L77-1699-05  | VCXO (16.8MHZ)                  | B-K,K2      | R52      |         |           | R92-1252-05  | CHIP R 0 OHM        |             |
| X3       |         | *         | L77-1708-05  | CRYSTAL RESONATOR (3.579545MHZ) |             | R53      |         | *         | RN73GH1J274D | CHIP R 270K D 1/16W |             |
| X4       |         | *         | L78-0431-05  | RESONATOR (14.7456M)            |             | R54      |         |           | RK73GB1J334J | CHIP R 330K J 1/16W |             |
| XF1      |         | *         | L71-0501-05  | MCF (44.85MHZ)                  | A-K,K2      | R55      |         |           | RK73GB1J104J | CHIP R 100K J 1/16W |             |
| XF1      |         | *         | L71-0502-05  | MCF (44.85MHZ)                  | B-K,K2      | R56      |         |           | RK73GB1J223J | CHIP R 22K J 1/16W  |             |
| CP1      |         |           | R90-0718-05  | MULTI-COMP 4.7K X4              |             | R57      |         |           | RK73GB1J334J | CHIP R 330K J 1/16W |             |
| CP2,3    |         |           | R90-0725-05  | MULTI-COMP 1K X2                |             | R58      |         | *         | RN73GH1J682D | CHIP R 6.8K D 1/16W |             |
| CP5      |         |           | R90-0725-05  | MULTI-COMP 1K X2                |             | R59      |         |           | RK73GB1J154J | CHIP R 150K J 1/16W |             |
| R1,2     |         |           | RK73GB1J104J | CHIP R 100K J 1/16W             |             | R60      |         |           | R92-1252-05  | CHIP R 0 OHM        | A-K,K2      |
| R3       |         |           | RK73GB1J473J | CHIP R 47K J 1/16W              |             | R60      |         |           | RK73GB1J680J | CHIP R 68 J 1/16W   | B-K,K2      |
| R4       |         |           | RK73GB1J154J | CHIP R 150K J 1/16W             |             | R61      |         |           | RK73GB1J155J | CHIP R 1.5M J 1/16W |             |
| R5       |         |           | RK73GB1J104J | CHIP R 100K J 1/16W             |             | R62      |         | *         | RK73GB1J101J | CHIP R 100 J 1/16W  |             |
| R6       |         |           | RK73GB1J184J | CHIP R 180K J 1/16W             |             | R63      |         |           | RN73GH1J683D | CHIP R 68K D 1/16W  |             |
| R7       |         |           | RK73GB1J104J | CHIP R 100K J 1/16W             |             | R64      |         |           | RK73GB1J474J | CHIP R 470K J 1/16W |             |
| R8       |         |           | RK73GB1J273J | CHIP R 27K J 1/16W              |             | R65      |         |           | RK73GB1J471J | CHIP R 470 J 1/16W  |             |

A : TK-480 (K,K2) J : Produced in Japan  
 B : TK-481 (K,K2) S : Produced in Singapore

## PARTS LIST

TX-RX UNIT (X57-5370-XX)/(X57-5630-XX)

| Ref. No. | Address | New parts | Parts No.    | Description         | Destination | Ref. No. | Address | New parts | Parts No.      | Description                    | Destination |
|----------|---------|-----------|--------------|---------------------|-------------|----------|---------|-----------|----------------|--------------------------------|-------------|
| R66      |         | *         | RN73GH1J682D | CHIP R 6.8K D 1/16W |             | R126     |         |           | RK73GB1J103J   | CHIP R 10K J 1/16W             |             |
| R67,68   |         |           | RK73GB1J101J | CHIP R 100 J 1/16W  |             | R127-129 |         |           | RK73EB2ER39K   | CHIP R 0.39 K 1/4W             |             |
| R69      |         |           | RK73GB1J153J | CHIP R 15K J 1/16W  | A-K,K2      | R130-135 |         |           | RN73GH1J154D   | CHIP R 150K D 1/16W            |             |
| R69      |         |           | RK73GB1J223J | CHIP R 22K J 1/16W  | B-K,K2      | R136,137 |         |           | RK73GB1J271J   | CHIP R 270 J 1/16W             |             |
| R70      |         |           | RK73GB1J153J | CHIP R 15K J 1/16W  |             | R138,139 |         |           | RK73GB1J102J   | CHIP R 1.0K J 1/16W            |             |
| R71      |         |           | RK73GB1J224J | CHIP R 220K J 1/16W |             | R140     |         |           | RK73GB1J103J   | CHIP R 10K J 1/16W             |             |
| R72      |         |           | RK73GB1J152J | CHIP R 1.5K J 1/16W | A-K,K2      | R141,142 |         |           | RK73GB1J104J   | CHIP R 100K J 1/16W            |             |
| R72      |         |           | RK73GB1J222J | CHIP R 2.2K J 1/16W | B-K,K2      | R143     |         |           | RK73GB1J105J   | CHIP R 1.0M J 1/16W            |             |
| R73      |         |           | RK73GB1J103J | CHIP R 10K J 1/16W  |             | R144     |         |           | RK73GB1J473J   | CHIP R 47K J 1/16W             |             |
| R74      |         |           | RK73GB1J223J | CHIP R 22K J 1/16W  |             | R145     |         |           | R92-1252-05    | CHIP R 0 OHM                   |             |
| R75      |         |           | RK73GB1J152J | CHIP R 1.5K J 1/16W |             | R146     |         |           | RK73GB1J222J   | CHIP R 2.2K J 1/16W            |             |
| R76      |         |           | RK73GB1J103J | CHIP R 10K J 1/16W  |             | R147     |         |           | R92-1252-05    | CHIP R 0 OHM                   |             |
| R77      |         |           | RK73GB1J153J | CHIP R 15K J 1/16W  |             | R148     |         |           | RK73GB1J223J   | CHIP R 22K J 1/16W             |             |
| R78      |         |           | RK73GB1J102J | CHIP R 1.0K J 1/16W |             | R149     |         |           | RK73GB1J473J   | CHIP R 47K J 1/16W             |             |
| R79      |         |           | RK73GB1J473J | CHIP R 47K J 1/16W  |             | R150     |         |           | RK73GB1J102J   | CHIP R 1.0K J 1/16W            |             |
| R80      |         |           | RK73GB1J394J | CHIP R 390K J 1/16W |             | R151     |         |           | RK73GB1J102J   | CHIP R 1.0K J 1/16W            | B-K,K2      |
| R81      |         |           | RK73GB1J102J | CHIP R 1.0K J 1/16W |             | R151     |         |           | RK73GB1J152J   | CHIP R 1.5K J 1/16W            | A-K,K2      |
| R82      |         |           | RK73GB1J333J | CHIP R 33K J 1/16W  |             | R152     |         |           | RK73GB1J332J   | CHIP R 3.3K J 1/16W            |             |
| R83      |         |           | R92-1252-05  | CHIP R 0 OHM        |             | R153     |         |           | RK73GB1J123J   | CHIP R 12K J 1/16W             |             |
| R84      |         |           | RK73GB1J473J | CHIP R 47K J 1/16W  |             | R154     |         |           | RK73GB1J221J   | CHIP R 220 J 1/16W             |             |
| R85      |         |           | RK73GB1J681J | CHIP R 680 J 1/16W  |             | R155     |         |           | RK73GB1J101J   | CHIP R 100 J 1/16W             |             |
| R86      |         |           | RK73GB1J154J | CHIP R 150K J 1/16W |             | R156     |         |           | RK73GB1J103J   | CHIP R 10K J 1/16W             |             |
| R87      |         |           | RK73GB1J470J | CHIP R 47 J 1/16W   |             | R157     |         |           | RK73GB1J102J   | CHIP R 1.0K J 1/16W            |             |
| R88      |         |           | RK73GB1J220J | CHIP R 22 J 1/16W   |             | R158     |         |           | RK73GB1J223J   | CHIP R 22K J 1/16W             |             |
| R89      |         |           | RK73GB1J103J | CHIP R 10K J 1/16W  |             | R159,160 |         |           | RK73GB1J102J   | CHIP R 1.0K J 1/16W            |             |
| R90      |         |           | RK73GB1J104J | CHIP R 100K J 1/16W |             | R161,162 |         |           | RK73GB1J184J   | CHIP R 180K J 1/16W            |             |
| R91      |         |           | RK73GB1J101J | CHIP R 100 J 1/16W  |             | R163     |         |           | RK73GB1J104J   | CHIP R 100K J 1/16W            |             |
| R92,93   |         |           | RK73GB1J150J | CHIP R 15 J 1/16W   |             | R164     |         |           | RK73GB1J473J   | CHIP R 47K J 1/16W             |             |
| R94      |         |           | RK73GB1J332J | CHIP R 3.3K J 1/16W |             | D1       |         |           | 1SR154-400     | DIODE                          |             |
| R95      |         |           | RK73GB1J150J | CHIP R 15 J 1/16W   |             | D2       |         |           | MA2S111        | DIODE                          |             |
| R96      |         |           | RK73GB1J223J | CHIP R 22K J 1/16W  |             | D3       |         |           | MA742          | DIODE                          |             |
| R97      |         |           | RK73GB1J104J | CHIP R 100K J 1/16W |             | D4,5     |         |           | MA2S077        | DIODE                          |             |
| R98      |         |           | RK73GB1J184J | CHIP R 180K J 1/16W |             | D6       |         |           | DTZ4.7(C)      | DIODE                          |             |
| R100     |         |           | RK73GB1J331J | CHIP R 330 J 1/16W  | A-K,K2      | D7       |         |           | HVU131         | DIODE                          |             |
| R100     |         |           | RK73GB1J221J | CHIP R 220 J 1/16W  | B-K,K2      | D8       |         |           | MA2S111        | DIODE                          |             |
| R101     |         |           | RK73GB1J223J | CHIP R 22K J 1/16W  |             | D9,10    |         |           | MA2S077        | DIODE                          |             |
| R102     |         |           | RK73GB1J182J | CHIP R 1.8K J 1/16W |             | D11      |         |           | MA742          | DIODE                          |             |
| R103,104 |         |           | RK73GB1J102J | CHIP R 1.0K J 1/16W |             | IC1      |         |           | TA75W01FU      | IC (OP AMP X2)                 |             |
| R105     |         |           | RK73GB1J122J | CHIP R 1.2K J 1/16W |             | IC2      |         | *         | RN5VL42C       | IC (REGULATOR)                 |             |
| R106     |         |           | RK73GB1J473J | CHIP R 47K J 1/16W  |             | IC3      |         |           | TC75W51FU      | IC (OP AMP X2)                 |             |
| R107     |         |           | RK73GB1J103J | CHIP R 10K J 1/16W  |             | IC4      |         | *         | M62364FP       | IC (D/A CONVERTER)             |             |
| R108     |         |           | RK73GB1J682J | CHIP R 6.8K J 1/16W |             | IC5      |         |           | S-81350HG-KD   | IC (VOLTAGE REGULATOR)         |             |
| R109     |         |           | RK73GB1J470J | CHIP R 47 J 1/16W   |             | IC6      |         |           | NJU7201U50     | IC (VOLTAGE REGULATOR)         |             |
| R110     |         |           | RK73GB1J473J | CHIP R 47K J 1/16W  |             | IC7      |         | *         | TK11250BM      | IC (VOLTAGE REGULATOR)         |             |
| R111     |         |           | RK73GB1J223J | CHIP R 22K J 1/16W  |             | IC8      |         |           | TA75W51FU      | IC (OP AMP X2)                 |             |
| R112     |         |           | RK73GB1J103J | CHIP R 10K J 1/16W  |             | IC9      |         |           | TA31136FN      | IC (FM IF DETECTOR)            |             |
| R113     |         |           | RK73GB1J220J | CHIP R 22 J 1/16W   |             | IC10     |         |           | TA75W01FU      | IC (OP AMP X2)                 |             |
| R114     |         |           | RK73GB1J152J | CHIP R 1.5K J 1/16W |             | IC11     |         | *         | SA7025DK       | IC (PLL SYSTEM)                |             |
| R115     |         |           | RK73GB1J681J | CHIP R 680 J 1/16W  |             | IC12     |         | *         | TC35453F       | IC (AUDIO PROCESSOR)           |             |
| R116     |         |           | RK73GB1J102J | CHIP R 1.0K J 1/16W |             | IC13     |         |           | LC73872M       | IC (DTMF RECEIVER)             |             |
| R117     |         |           | RK73GB1J560J | CHIP R 56 J 1/16W   | A-K,K2      | IC14     |         | *         | KCH31          | HIC (VCO SYSTEM)               | A-K,K2      |
| R117     |         |           | RK73GB1J470J | CHIP R 47 J 1/16W   | B-K,K2      | IC14     |         | *         | KCH32          | HIC (VCO SYSTEM)               | B-K,K2      |
| R118     |         |           | R92-1252-05  | CHIP R 0 OHM        |             | IC15     |         | *         | MC-8800-801    | IC (MICROPROCESSOR)            |             |
| R119     |         |           | RK73GB1J473J | CHIP R 47K J 1/16W  |             | IC16     |         |           | AT2408N10S12.5 | IC (8kbit SERIAL EEPROM)       |             |
| R120     |         |           | RK73GB1J102J | CHIP R 1.0K J 1/16W |             | IC17     |         |           | TC7S08FU       | IC (2INPUT AND GATE)           |             |
| R121     |         |           | RK73GB1J473J | CHIP R 47K J 1/16W  |             | IC18,19  |         |           | BU4094BCFV     | IC (8bit SHIFT/STORE REGISTER) |             |
| R122     |         |           | R92-1252-05  | CHIP R 0 OHM        |             | IC20     |         |           | TC7S32FU       | IC (2INPUT OR GATE)            |             |
| R123     |         |           | RK73GB1J102J | CHIP R 1.0K J 1/16W |             | IC21     |         |           | NJM2904V       | IC (APC)                       |             |
| R124,125 |         |           | RK73GB1J473J | CHIP R 47K J 1/16W  |             |          |         |           |                |                                |             |

## PARTS LIST

TX-RX UNIT (X57-5370-XX)/(X57-5630-XX)

| Ref. No. | Address | New parts | Parts No.   | Description           | Destination | Ref. No. | Address | New parts | Parts No. | Description | Destination |
|----------|---------|-----------|-------------|-----------------------|-------------|----------|---------|-----------|-----------|-------------|-------------|
| IC22     |         |           | TC7S02FU    | IC (2ΔINPUT NOR GATE) |             |          |         |           |           |             |             |
| IC23     |         |           | TA75S01F    | IC (OP AMP)           |             |          |         |           |           |             |             |
| IC30     |         | *         | M68757L     | IC (POWER MODULE)     | A-K,K2      |          |         |           |           |             |             |
| IC30     |         | *         | M68757H     | IC (POWER MODULE)     | B-K,K2      |          |         |           |           |             |             |
| Q1       |         |           | 2SJ243      | FET                   |             |          |         |           |           |             |             |
| Q2       |         |           | 2SA1832(GR) | TRANSISTOR            |             |          |         |           |           |             |             |
| Q3,4     |         |           | 2SC4617(S)  | TRANSISTOR            |             |          |         |           |           |             |             |
| Q5       |         |           | 2SC4619     | TRANSISTOR            | A-K,K2      |          |         |           |           |             |             |
| Q5       |         |           | 2SC5108(Y)  | TRANSISTOR            | B-K,K2      |          |         |           |           |             |             |
| Q6       |         |           | SGM2014M    | FET                   |             |          |         |           |           |             |             |
| Q7       |         |           | 2SK1824     | FET                   |             |          |         |           |           |             |             |
| Q8       |         |           | 2SC5108(Y)  | TRANSISTOR            |             |          |         |           |           |             |             |
| Q9       |         |           | 3SK239A     | FET                   |             |          |         |           |           |             |             |
| Q10,11   |         |           | 2SC5108(Y)  | TRANSISTOR            |             |          |         |           |           |             |             |
| Q12      |         |           | 2SC4988     | TRANSISTOR            |             |          |         |           |           |             |             |
| Q13      |         |           | 2SK1824     | FET                   |             |          |         |           |           |             |             |
| Q14      |         |           | DTC114EE    | DIGITAL TRANSISTOR    |             |          |         |           |           |             |             |
| Q15      |         |           | DTA144EE    | DIGITAL TRANSISTOR    |             |          |         |           |           |             |             |
| Q16      |         |           | DTC144EE    | DIGITAL TRANSISTOR    |             |          |         |           |           |             |             |
| Q17      |         |           | 2SC5108(Y)  | TRANSISTOR            |             |          |         |           |           |             |             |
| Q18      |         |           | 2SK1824     | FET                   |             |          |         |           |           |             |             |
| Q19      |         |           | 2SC4617(S)  | TRANSISTOR            |             |          |         |           |           |             |             |
| Q20      |         |           | DTC144EE    | DIGITAL TRANSISTOR    |             |          |         |           |           |             |             |
| Q21-23   |         |           | 2SK1824     | FET                   |             |          |         |           |           |             |             |
| TH1      |         | *         | TN103S154JT | THERMISTOR            |             |          |         |           |           |             |             |

A : TK-480 (K,K2) J : Produced in Japan  
B : TK-481 (K,K2) S : Produced in Singapore