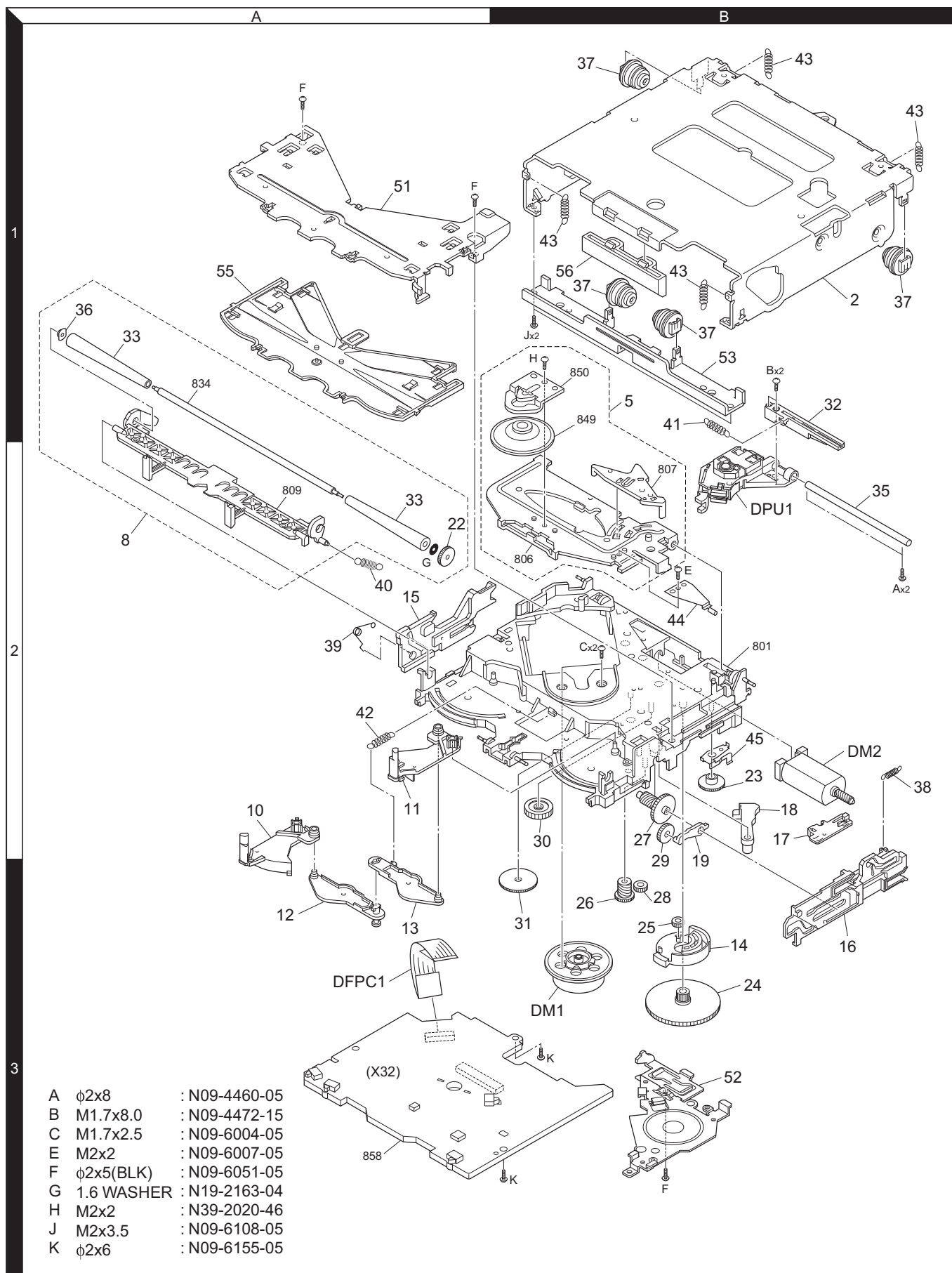
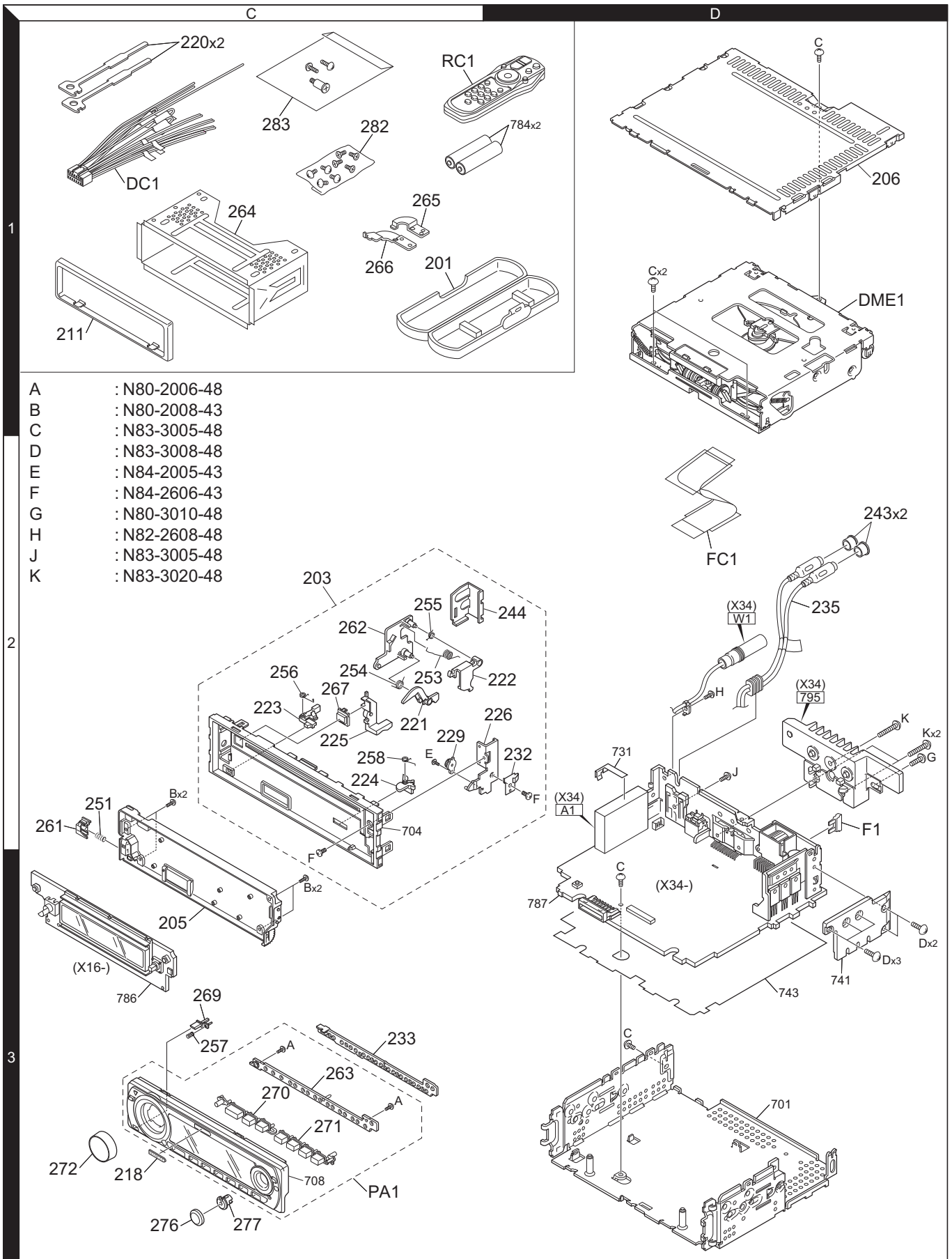


## EXPLODED VIEW (CD MECHANISM)



## EXPLODED VIEW (UNIT)



## PARTS LIST

\* New parts

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.

| Ref. No.                       | A<br>d<br>d | N<br>e<br>w | Parts No.   | Description                     | Desti-<br>nation |
|--------------------------------|-------------|-------------|-------------|---------------------------------|------------------|
| <b>KDC-MP4028/MP428/MP6029</b> |             |             |             |                                 |                  |
| 201                            | 1C          | *           | A02-2743-03 | PLASTIC CABINET ASSY            |                  |
| 203                            | 2C          | *           | A22-3059-12 | SUB PANEL ASSY                  |                  |
| 205                            | 3C          | *           | A46-1816-01 | REAR COVER                      |                  |
| 206                            | 1D          | *           | A52-0862-02 | TOP PLATE                       |                  |
| PA1                            | 3C          | *           | A64-3481-02 | PANEL ASSY                      | K                |
| PA1                            | 3C          | *           | A64-3482-02 | PANEL ASSY                      | M1               |
| PA1                            | 3C          | *           | A64-3483-02 | PANEL ASSY                      | K1               |
| RC1                            | 1C          |             | A70-2069-05 | REMOTE CONTROLLER ASSY (RC-517) |                  |
| -                              |             |             | B46-0100-50 | WARRANTY CARD                   |                  |
| -                              |             |             | B46-0606-04 | ID CARD                         | KK1              |
| -                              |             |             | B46-0612-14 | ID CARD                         | M1               |
| -                              |             |             | B58-1426-04 | CAUTION CARD                    | KK1              |
| -                              |             | *           | B64-2949-00 | INST. MANUAL (ENG, FRE, SPA)    | KK1              |
| -                              |             | *           | B64-2950-00 | INST. MANUAL (ENG, T-CHI)       | M1               |
| -                              |             | *           | B64-2951-00 | INST. MANUAL (ARABIC)           | M1               |
| 211                            | 1C          | *           | B07-3124-01 | ESCUTCHEON                      | K                |
| 211                            | 1C          | *           | B07-3126-01 | ESCUTCHEON                      | M1K1             |
| 218                            | 3C          |             | B43-1518-04 | BADGE                           |                  |
| 220                            | 1C          |             | D10-4589-04 | LEVER                           |                  |
| 221                            | 2C          | *           | D10-4865-03 | LEVER                           |                  |
| 222                            | 2D          | *           | D10-4866-03 | LEVER                           |                  |
| 223                            | 2C          | *           | D10-4867-04 | LEVER                           |                  |
| 224                            | 2C          | *           | D10-4868-04 | LEVER                           |                  |
| 225                            | 2C          | *           | D10-4869-03 | LEVER                           |                  |
| 226                            | 2D          | *           | D10-4870-04 | ARM ASSY                        |                  |
| 229                            | 2C          |             | D39-0255-05 | DAMPER                          |                  |
| 232                            | 2D          | *           | E29-2028-04 | LEAD PLATE                      |                  |
| 233                            | 3C          | *           | E29-2029-03 | CONDUCTIVE RUBBER               |                  |
| 235                            | 2D          |             | E30-6291-15 | CORD WITH PINPLUG               | K1               |
| 235                            | 2D          | *           | E30-6426-05 | CORD WITH PINPLUG               | KM1              |
| △ DC1                          | 1C          | *           | E30-6414-05 | DC CORD                         |                  |
| FC1                            | 2D          | *           | E39-0736-05 | FLAT CABLE                      |                  |
| 243                            | 2D          |             | F29-0626-04 | INSULATING COVER                |                  |
| 244                            | 2D          | *           | F31-0716-04 | REINFORCING HARDWARE            |                  |
| △ F1                           | 2D          |             | F52-0006-05 | FUSE (MINI BLADE TYPE) (10A)    |                  |
| 251                            | 2C          |             | G01-3173-04 | COMPRESSION SPRING              |                  |
| 253                            | 2C          | *           | G01-3246-04 | TORSION COIL SPRING             |                  |
| 254                            | 2C          | *           | G01-3247-04 | TORSION COIL SPRING             |                  |
| 255                            | 2C          | *           | G01-3248-04 | TORSION COIL SPRING             |                  |
| 256                            | 2C          | *           | G01-3249-04 | TORSION COIL SPRING             |                  |
| 257                            | 3C          | *           | G01-3250-04 | COMPRESSION SPRING              |                  |
| 258                            | 2C          | *           | G01-3270-04 | TORSION COIL SPRING             |                  |
| -                              |             |             | H10-4919-12 | POLYSTYRENE FOAMED FIXTURE      |                  |
| -                              |             |             | H25-0329-04 | PROTECTION BAG (280X450X0.03)   |                  |
| -                              |             |             | H25-0337-04 | PROTECTION BAG (180X300X0.03)   |                  |
| -                              |             | *           | H54-3278-13 | ITEM CARTON CASE (KDC-MP4028)   | K                |
| -                              |             | *           | H54-3279-13 | ITEM CARTON CASE (KDC-MP6029)   | M1               |
| -                              |             | *           | H54-3280-13 | ITEM CARTON CASE (KDC-MP428)    | K1               |
| 261                            | 2C          |             | J19-5205-03 | HOLDER                          |                  |
| 262                            | 2C          | *           | J19-7049-03 | HOLDER                          |                  |

| Ref. No.                         | A<br>d<br>d | N<br>e<br>w | Parts No.     | Description              | Desti-<br>nation |
|----------------------------------|-------------|-------------|---------------|--------------------------|------------------|
| 263                              | 3C          | *           | J19-7050-02   | HOLDER                   |                  |
| 264                              | 1C          |             | J22-0011-03   | MOUNTING HARDWARE ASSY   |                  |
| 265                              | 1C          | *           | J22-0258-04   | MOUNTING HARDWARE (L)    |                  |
| 266                              | 1C          | *           | J22-0259-04   | MOUNTING HARDWARE (R)    |                  |
| 267                              | 2C          | *           | K24-4282-04   | PUSH KNOB (EJECT)        |                  |
| 269                              | 3C          | *           | K24-4285-04   | PUSH KNOB (RELEASE)      |                  |
| 270                              | 3C          | *           | K25-1692-03   | PUSH KNOB (Q, SRC, 1, 2) |                  |
| 271                              | 3C          | *           | K25-1694-03   | PUSH KNOB (3, 4, 5, 6)   |                  |
| 272                              | 3C          |             | K29-7132-03   | KNOB ASSY (VOL)          |                  |
| 276                              | 3C          |             | K29-7139-03   | KEY TOP (FM/AM)          |                  |
| 277                              | 3C          | *           | K29-7141-03   | KNOB BASE (FM/AM)        |                  |
| 282                              | 1C          |             | N99-1757-05   | SCREW SET                |                  |
| 283                              | 1C          | *           | N99-1763-05   | SCREW SET                |                  |
| A                                | 3C          |             | N80-2006-48   | PAN HEAD TAPTITE SCREW   |                  |
| B                                | 2C          |             | N80-2008-43   | PAN HEAD TAPTITE SCREW   |                  |
| C                                | 1D          |             | N83-3005-48   | PAN HEAD TAPTITE SCREW   |                  |
| D                                | 3D          | *           | N83-3008-48   | PAN HEAD TAPTITE SCREW   |                  |
| E                                | 2C          |             | N84-2005-43   | PAN HEAD TAPTITE SCREW   |                  |
| F                                | 2C          |             | N84-2606-43   | PAN HEAD TAPTITE SCREW   |                  |
| DME1                             | 1D          | *           | X92-5080-00   | MECHANISM ASSY           |                  |
| <b>SWITCH UNIT (X16-291x-xx)</b> |             |             |               |                          |                  |
| D1-3                             |             |             | B30-1566-05   | LED (RED)                | M1               |
| D4-6                             |             |             | B30-1565-05   | LED (PG)                 |                  |
| D7-9                             |             |             | B30-1566-05   | LED (RED)                |                  |
| D10-12                           |             |             | B30-1565-05   | LED (PG)                 | M1               |
| D13-15                           |             |             | B30-1566-05   | LED (RED)                |                  |
| D16-18                           |             |             | B30-1565-05   | LED (PG)                 | M1               |
| D19                              |             |             | B30-1566-05   | LED (RED)                |                  |
| D20-24                           |             |             | B30-1729-05   | LED (BLUE)               |                  |
| D25                              |             |             | B30-1566-05   | LED (RED)                | M1               |
| D26                              |             |             | B30-1565-05   | LED (PG)                 |                  |
| C8                               |             |             | CK73FB1A225K  | CHIP C 2.2UF             | K                |
| C10                              |             |             | CK73GB1H103K  | CHIP C 0.010UF           | K                |
| C11                              |             |             | CC73GCH1H470J | CHIP C 47PF              | J                |
| C13-17                           |             |             | CK73GB1H103K  | CHIP C 0.010UF           | K                |
| C19,20                           |             |             | CK73GB1H104K  | CHIP C 0.10UF            | K                |
| J1                               |             |             | E59-0840-05   | RECTANGULAR PLUG         |                  |
| CP10,11                          |             |             | RK74HB1J102J  | CHIP-COM 1.0K            | J 1/16W          |
| CP12                             |             |             | RK74GA1J101J  | CHIP-COM 100             | J 1/16W          |
| R1                               |             |             | RK73EB2E101J  | CHIP R 100               | J 1/4W           |
| R2                               |             |             | RK73EB2E102J  | CHIP R 1.0K              | J 1/4W           |
| R3-9                             |             |             | RK73EB2E101J  | CHIP R 100               | J 1/4W           |
| R10                              |             |             | RK73GB2A203J  | CHIP R 20K               | J 1/10W          |
| R11                              |             |             | RK73GB2A4R7J  | CHIP R 4.7               | J 1/10W          |
| R12                              |             |             | RK73GB2A472J  | CHIP R 4.7K              | J 1/10W          |
| R13,14                           |             |             | RK73GB2A102J  | CHIP R 1.0K              | J 1/10W          |
| R20                              |             |             | RK73GB2A101J  | CHIP R 100               | J 1/10W          |
| R51-53                           |             |             | RK73FB2B471J  | CHIP R 470               | J 1/8W           |
| R54                              |             |             | RK73EB2E681J  | CHIP R 680               | J 1/4W           |
| R55,56                           |             |             | RK73FB2B301J  | CHIP R 300               | J 1/8W           |
| R57                              |             |             | RK73EB2E681J  | CHIP R 680               | J 1/4W           |
| R58                              |             |             | RK73GB2A222J  | CHIP R 2.2K              | J 1/10W          |

E : Europe K : North America  
M : Other Areas W : Without Europe

K : KDC-MP4028  
K1 : KDC-MP428  
M1 : KDC-MP6029

△ Indicates safety critical components.

## PARTS LIST

## SWITCH UNIT (X16-291x-xx)

| Ref. No.                                         | Add | New | Parts No.                                                                      | Description                                                                                  | Destination       |
|--------------------------------------------------|-----|-----|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------|
| R59<br>R70<br>R73                                |     | *   | RK73GB2A222J<br>RK73GB2A473J<br>RK73SB3A2R2J                                   | CHIP R 2.2K J 1/10W<br>CHIP R 47K J 1/10W<br>CHIP R 2.2 J 1W                                 | M1                |
| S2<br>S10<br>S27                                 |     |     | S70-0106-05<br>S70-0051-15<br>S70-0051-15                                      | TACT SWITCH<br>TACT SWITCH<br>TACT SWITCH                                                    |                   |
| S1                                               |     |     | T99-0457-05                                                                    | ROTARY ENCODER                                                                               |                   |
| D101,102<br>D103<br>D104,105<br>D106<br>D107-109 |     | *   | 02DZ6.8F-Y<br>FTZ6.8E<br>02DZ6.8F-Y<br>02DZ12F-X<br>02DZ6.8F-Y                 | ZENER DIODE<br>ZENER DIODE<br>ZENER DIODE<br>ZENER DIODE<br>ZENER DIODE                      |                   |
| D110<br>ED1<br>IC1<br>IC2<br>Q4                  |     | *   | DA204U<br>3-BT-225N<br>LC75756W<br>PNA4S22M<br>DTA114EE                        | DIODE<br>FLUORESCENT INDICATOR TUBE<br>MOS-IC<br>ANALOGUE IC<br>DIGITAL TRANSISTOR           |                   |
| Q4<br>Q4<br>Q10<br>Q10<br>Q10                    |     |     | KRA302E-P<br>RT1P141U<br>KTC4075EP(Y,GR)<br>2SC4617<br>2SC5383(E,F)            | DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR           | KK1<br>KK1<br>KK1 |
| Q10,11<br>Q10,11<br>Q10,11                       |     |     | KTC4075EP(Y,GR)<br>2SC4617<br>2SC5383(E,F)                                     | TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR                                                       | M1<br>M1<br>M1    |
| <b>CD PLAYER UNIT (X32-5740-00)</b>              |     |     |                                                                                |                                                                                              |                   |
| C1,2<br>C3,4<br>C5,6<br>C7,8<br>C9               |     |     | CK73GB1A105K<br>CC73GCH1H681J<br>CC73GCH1H680J<br>CK73GB1H222K<br>CK73GB1H104K | CHIP C 1.0UF K<br>CHIP C 680PF J<br>CHIP C 68PF J<br>CHIP C 2200PF K<br>CHIP C 0.10UF K      |                   |
| C10<br>C11<br>C12<br>C20<br>C21                  |     |     | CK73FB0J106K<br>CK73GB1H103K<br>CK73GB1A105K<br>CC73GCH1H391J<br>CK73GB1H472K  | CHIP C 10UF K<br>CHIP C 0.010UF K<br>CHIP C 1.0UF K<br>CHIP C 390PF J<br>CHIP C 4700PF K     |                   |
| C22<br>C23<br>C24<br>C25<br>C30                  |     |     | CK73GB1H152K<br>CC73GCH1H391J<br>CK73EB1A475K<br>CK73FB0J106K<br>CK73GB1H104K  | CHIP C 1500PF K<br>CHIP C 390PF J<br>CHIP C 4.7UF K<br>CHIP C 10UF K<br>CHIP C 0.10UF K      |                   |
| C31<br>C32<br>C34<br>C35<br>C38-40               |     |     | CK73GB0J105K<br>CK73GB1H104K<br>CK73FB0J475K<br>CK73GB1H104K<br>CK73GB1H104K   | CHIP C 1.0UF K<br>CHIP C 0.10UF K<br>CHIP C 4.7UF K<br>CHIP C 0.10UF K<br>CHIP C 0.10UF K    |                   |
| C41<br>C42<br>C43<br>C50<br>C51                  |     |     | CK73GB0J225K<br>CK73GB1A105K<br>C92-1792-05<br>CK73GB1H104K<br>CK73GB1H102K    | CHIP C 2.2UF K<br>CHIP C 1.0UF K<br>ELECTRO 22UF 6.3WV<br>CHIP C 0.10UF K<br>CHIP C 1000PF K |                   |
| C52<br>C53,54                                    |     |     | CK73GB1H104K<br>CK73GB0J475K                                                   | CHIP C 0.10UF K<br>CHIP C 4.7UF K                                                            |                   |

| Ref. No.                                | Add | New | Parts No.                                                                       | Description                                                                                                           | Destination |
|-----------------------------------------|-----|-----|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------|
| C55<br>C56,57<br>C58<br>C60,61<br>C62   |     |     | CK73FB0J106K<br>CK73GB1H104K<br>CK73FB0J475K<br>CK73GB1H104K<br>CK73FB0J475K    | CHIP C 10UF K<br>CHIP C 0.10UF K<br>CHIP C 4.7UF K<br>CHIP C 0.10UF K<br>CHIP C 4.7UF K                               |             |
| C63<br>C64<br>C65,66<br>C67<br>C68      |     |     | CK73GB0J225K<br>CK73GB1H152K<br>CK73GB1H102K<br>CK73GB1H152K<br>CK73GB1H103K    | CHIP C 2.2UF K<br>CHIP C 1500PF K<br>CHIP C 1000PF K<br>CHIP C 1500PF K<br>CHIP C 0.010UF K                           |             |
| C69<br>C70<br>C71<br>C72<br>C73         |     |     | CK73GB1H332K<br>CK73GB1H682K<br>CK73GB1H104K<br>CK73GB1H103K<br>CC73GCH1H120J   | CHIP C 3300PF K<br>CHIP C 6800PF K<br>CHIP C 0.10UF K<br>CHIP C 0.010UF K<br>CHIP C 12PF J                            |             |
| C74<br>C75<br>C76<br>C77<br>C78         |     |     | CC73GCH1H060D<br>CK73GB1H104K<br>CC73GCH1H030C<br>CC73GCH1H020C<br>CK73GB0J225K | CHIP C 6.0PF D<br>CHIP C 0.10UF K<br>CHIP C 3.0PF C<br>CHIP C 2.0PF C<br>CHIP C 2.2UF K                               |             |
| C79,80<br>C81,82<br>C83<br>C85<br>C100  |     |     | CK73GB1H104K<br>CC73GCH1H470J<br>CK73GB1H103K<br>CK73FB0J106K<br>CK73GB1A224K   | CHIP C 0.10UF K<br>CHIP C 47PF J<br>CHIP C 0.010UF K<br>CHIP C 10UF K<br>CHIP C 0.22UF K                              |             |
| C101                                    |     |     | CK73GB1H103K                                                                    | CHIP C 0.010UF K                                                                                                      |             |
| CN1<br>CN2                              |     |     | E41-2083-05<br>E41-2297-05                                                      | FLAT CABLE CONNECTOR<br>FLAT CABLE CONNECTOR                                                                          |             |
| X1<br>X2                                |     |     | L78-0862-05<br>L78-0851-05                                                      | RESONATOR (16.00MHZ)<br>RESONATOR (16.93MHZ)                                                                          |             |
| CP1<br>CP2<br>CP4,5<br>CP6,7<br>CP8-11  |     |     | RK74GA1J101J<br>RK74GA1J472J<br>RK74GA1J101J<br>RK74HB1J103J<br>RK74HB1J101J    | CHIP-COM 100 J 1/16W<br>CHIP-COM 4.7K J 1/16W<br>CHIP-COM 100 J 1/16W<br>CHIP-COM 10K J 1/16W<br>CHIP-COM 100 J 1/16W |             |
| CP12<br>CP13<br>CP27<br>CP28<br>R1,2    |     |     | RK74GA1J101J<br>RK74GA1J103J<br>RK74GB1J472J<br>RK74GB1J103J<br>RK73GH2A103D    | CHIP-COM 100 J 1/16W<br>CHIP-COM 10K J 1/16W<br>CHIP-COM 4.7K J 1/16W<br>CHIP-COM 10K J 1/16W<br>CHIP R 10K D 1/10W   |             |
| R3,4<br>R5,6<br>R7,8<br>R9,10<br>R11,12 |     |     | RK73GB2A272J<br>RK73GB2A752J<br>RK73GB2A333J<br>RK73GH2A103D<br>RK73GB2A331J    | CHIP R 2.7K J 1/10W<br>CHIP R 7.5K J 1/10W<br>CHIP R 33K J 1/10W<br>CHIP R 10K D 1/10W<br>CHIP R 330 J 1/10W          |             |
| R14-16<br>R20<br>R21<br>R22,23<br>R24   |     |     | RK73GB2A2R2J<br>RK73GB2A123J<br>RK73GB2A133J<br>RK73GB2A123J<br>RK73GB2A432J    | CHIP R 2.2 J 1/10W<br>CHIP R 12K J 1/10W<br>CHIP R 13K J 1/10W<br>CHIP R 12K J 1/10W<br>CHIP R 4.3K J 1/10W           |             |
| R25<br>R26<br>R27                       |     |     | RK73GB2A472J<br>RK73GB2A183J<br>RK73GB2A163J                                    | CHIP R 4.7K J 1/10W<br>CHIP R 18K J 1/10W<br>CHIP R 16K J 1/10W                                                       |             |

E : Europe K : North America  
M : Other Areas W : Without Europe

K : KDC-MP4028  
K1 : KDC-MP428  
M1 : KDC-MP6029

△ Indicates safety critical components.

## PARTS LIST

## CD PLAYER UNIT (X32-5740-00)

| Ref. No.                           | Add | New | Parts No.      | Description          | Destination |
|------------------------------------|-----|-----|----------------|----------------------|-------------|
| R28                                |     |     | RK73GB2A133J   | CHIP R 13K J 1/10W   |             |
| R29                                |     |     | RK73GB2A102J   | CHIP R 1.0K J 1/10W  |             |
| R30                                |     |     | RK73GB2A101J   | CHIP R 100 J 1/10W   |             |
| R31                                |     |     | RK73GB2A133J   | CHIP R 13K J 1/10W   |             |
| R40-44                             |     |     | RK73GB2A103J   | CHIP R 10K J 1/10W   |             |
| R48                                |     |     | RK73GB2A472J   | CHIP R 4.7K J 1/10W  |             |
| R50-52                             |     |     | RK73GB2A103J   | CHIP R 10K J 1/10W   |             |
| R55                                |     |     | RK73GB2A103J   | CHIP R 10K J 1/10W   |             |
| R56                                |     |     | RK73GB2A101J   | CHIP R 100 J 1/10W   |             |
| R57                                |     |     | RK73GB2A472J   | CHIP R 4.7K J 1/10W  |             |
| R70                                |     |     | RK73GB2A102J   | CHIP R 1.0K J 1/10W  |             |
| R71                                |     |     | RK73GB2A101J   | CHIP R 100 J 1/10W   |             |
| R72                                |     |     | RK73GB2A333J   | CHIP R 33K J 1/10W   |             |
| R74                                |     |     | RK73GB2A333J   | CHIP R 33K J 1/10W   |             |
| R75                                |     |     | RK73GB2A750J   | CHIP R 75 J 1/10W    |             |
| R78                                |     |     | RK73GB2A103J   | CHIP R 10K J 1/10W   |             |
| R79                                |     |     | RK73GB2A333J   | CHIP R 33K J 1/10W   |             |
| R80,81                             |     |     | RK73GB2A682J   | CHIP R 6.8K J 1/10W  |             |
| R88                                |     |     | RK73GB2A472J   | CHIP R 4.7K J 1/10W  |             |
| R89                                |     |     | RK73GB2A104J   | CHIP R 100K J 1/10W  |             |
| R90                                |     |     | RK73GB2A4R7J   | CHIP R 4.7 J 1/10W   |             |
| R91                                |     |     | RK73GB2A910J   | CHIP R 91 J 1/10W    |             |
| R92                                |     |     | RK73GB2A225J   | CHIP R 2.2M J 1/10W  |             |
| R93                                |     |     | RK73GB2A103J   | CHIP R 10K J 1/10W   |             |
| R100                               |     |     | RK73GB2A470J   | CHIP R 47 J 1/10W    |             |
| R101                               |     |     | RK73GB2A102J   | CHIP R 1.0K J 1/10W  |             |
| R102                               |     |     | RK73GB2A272J   | CHIP R 2.7K J 1/10W  |             |
| R103,104                           |     |     | RK73GB2A223J   | CHIP R 22K J 1/10W   |             |
| R112,113                           |     |     | RK73GB2A100J   | CHIP R 10 J 1/10W    |             |
| R150                               |     |     | RK73GB2A103J   | CHIP R 10K J 1/10W   |             |
| R151                               |     |     | RK73GB2A2R2J   | CHIP R 2.2 J 1/10W   |             |
| W1                                 |     |     | R92-1252-05    | CHIP R 0 OHM J 1/16W |             |
| W20,21                             |     |     | R92-1252-05    | CHIP R 0 OHM J 1/16W |             |
| S1,2                               |     |     | S68-0863-05    | PUSH SWITCH          |             |
| S3                                 |     |     | S68-0862-05    | PUSH SWITCH          |             |
| D1                                 |     |     | DAP202U        | DIODE                |             |
| IC1                                |     |     | TAR5S33-F      | ANALOGUE IC          |             |
| IC2                                |     |     | NJM4580V-ZB    | ANALOGUE IC          |             |
| IC3                                |     |     | BA5824FP       | ANALOGUE IC          |             |
| IC4                                |     | *   | 703030BYGCJ09A | MICROCONTROLLER IC   |             |
| IC5                                |     |     | XC6219B332MR   | ANALOGUE IC          |             |
| IC6                                |     | *   | BA33BC0WFP     | ANALOGUE IC          |             |
| IC7                                |     | *   | UPD63763GJ     | MOS-IC               |             |
| IC11                               |     |     | TC7SET32FU-F   | MOS-IC               |             |
| Q1                                 |     |     | 2SA1576A       | TRANSISTOR           |             |
| Q4                                 |     |     | 2SB0970        | TRANSISTOR           |             |
| Q5                                 |     |     | DTA143XUA      | DIGITAL TRANSISTOR   |             |
| Q6                                 |     |     | DTC143XUA      | DIGITAL TRANSISTOR   |             |
| Q7                                 |     |     | DTA143XUA      | DIGITAL TRANSISTOR   |             |
| Q8                                 |     |     | DTC143XUA      | DIGITAL TRANSISTOR   |             |
| <b>ELECTRIC UNIT (X34-338x-xx)</b> |     |     |                |                      |             |
| D302                               |     | *   | B30-1710-05    | LED (RED)            |             |
| C1                                 |     |     | C90-6746-05    | ELECTRO 3300UF 16WV  |             |

| Ref. No. | Add | New | Parts No.     | Description         | Destination       |
|----------|-----|-----|---------------|---------------------|-------------------|
| C2       |     |     | CK73GB1H103K  | CHIP C 0.010UF K    |                   |
| C3       |     |     | C90-5692-05   | ELECTRO 220UF 16WV  |                   |
| C4       |     |     | CK73GB1H103K  | CHIP C 0.010UF K    |                   |
| C5       |     |     | CD04AS1C100M  | ELECTRO 10UF 16WV   |                   |
| C6       |     |     | CD04AS0J101M  | ELECTRO 100UF 6.3WV |                   |
| C7       |     |     | CK73FB1C105K  | CHIP C 1.0UF K      |                   |
| C8       |     |     | CD04AT1A221M  | ELECTRO 220UF 10WV  |                   |
| C9       |     |     | CD04AS1A101M  | ELECTRO 100UF 10WV  |                   |
| C10      |     |     | CK73GB1H104K  | CHIP C 0.10UF K     |                   |
| C11      |     |     | CD04AS1HR47M  | ELECTRO 0.47UF 50WV |                   |
| C12      |     | *   | CD04BF1C470M  | ELECTRO 47UF 16WV   | KM1<br>KM1<br>KM1 |
| C14      |     |     | CD04AS1C101M  | ELECTRO 100UF 16WV  |                   |
| C15      |     |     | CD04AS1C220M  | ELECTRO 22UF 16WV   |                   |
| C16      |     |     | CD04AS1C470M  | ELECTRO 47UF 16WV   |                   |
| C18      |     |     | CD04BF1E101M  | ELECTRO 100UF 25WV  |                   |
| C19      |     |     | CK73GB1A105K  | CHIP C 1.0UF K      |                   |
| C20      |     |     | C90-5680-05   | ELECTRO 100UF 16WV  |                   |
| C101     |     |     | CD04AS1H3R3M  | ELECTRO 3.3UF 50WV  |                   |
| C102     |     |     | CK73GB0J105K  | CHIP C 1.0UF K      |                   |
| C103     |     |     | CK73GB1H104K  | CHIP C 0.10UF K     |                   |
| C104     |     |     | CK73GB1H103K  | CHIP C 0.010UF K    |                   |
| C105     |     |     | CK73GB1E223K  | CHIP C 0.022UF K    |                   |
| C106     |     |     | CK73FB1C105K  | CHIP C 1.0UF K      |                   |
| C107     |     |     | CK73GB1H102K  | CHIP C 1000PF K     |                   |
| C108-110 |     |     | CK73GB1H103K  | CHIP C 0.010UF K    |                   |
| C201     |     |     | CD04AS0J470M  | ELECTRO 47UF 6.3WV  |                   |
| C202     |     |     | CK73GB1H103K  | CHIP C 0.010UF K    |                   |
| C203,204 |     |     | CC73GCH1H220J | CHIP C 22PF J       |                   |
| C205     |     |     | CK73GB1H104K  | CHIP C 0.10UF K     |                   |
| C206,207 |     |     | CK73GB1H103K  | CHIP C 0.010UF K    |                   |
| C208     |     |     | CK73GB1H102K  | CHIP C 1000PF K     |                   |
| C209     |     |     | CK73GB1H103K  | CHIP C 0.010UF K    |                   |
| C302-305 |     |     | CK73GB1H103K  | CHIP C 0.010UF K    |                   |
| C306     |     |     | CD04AS1C100M  | ELECTRO 10UF 16WV   |                   |
| C307     |     |     | CK73GB1H103K  | CHIP C 0.010UF K    |                   |
| C308     |     |     | CD04AS1C100M  | ELECTRO 10UF 16WV   |                   |
| C309     |     | *   | CK73GB1H103K  | CHIP C 0.010UF K    |                   |
| C310     |     |     | CD04BF1V470M  | ELECTRO 47UF 35WV   |                   |
| C311     |     |     | CK73GB1H103K  | CHIP C 0.010UF K    |                   |
| C312     |     |     | C90-5680-05   | ELECTRO 100UF 16WV  |                   |
| C313     |     |     | CD04AS1C100M  | ELECTRO 10UF 16WV   |                   |
| C320,321 |     |     | CK73GB1H103K  | CHIP C 0.010UF K    |                   |
| C322     |     |     | CD04AS1C100M  | ELECTRO 10UF 16WV   |                   |
| C401     |     |     | CD04AS1C470M  | ELECTRO 47UF 16WV   |                   |
| C402,403 |     |     | CD04AS1H010M  | ELECTRO 1UF 50WV    |                   |
| C404     |     |     | CK73GB1A105K  | CHIP C 1.0UF K      |                   |
| C405     |     |     | CD04AS1H4R7M  | ELECTRO 4.7UF 50WV  |                   |
| C406,407 |     | *   | CK73FB1A335K  | CHIP C 3.3UF K      |                   |
| C408,409 |     |     | CK73FB1C105K  | CHIP C 1.0UF K      |                   |
| C410     |     |     | CK73GB1H103K  | CHIP C 0.010UF K    |                   |
| C411     |     |     | CD04AS1C470M  | ELECTRO 47UF 16WV   | KM1               |
| C412     |     |     | CD04AS1C100M  | ELECTRO 10UF 16WV   |                   |
| C413,414 |     |     | CK73FB1C474K  | CHIP C 0.47UF K     |                   |
| C415,416 |     |     | CD04AS1H2R2M  | ELECTRO 2.2UF 50WV  |                   |
| C417-420 |     |     | CD04AS1C220M  | ELECTRO 22UF 16WV   |                   |

E : Europe K : North America  
M : Other Areas W : Without Europe

K : KDC-MP4028  
K1 : KDC-MP428  
M1 : KDC-MP6029

△ Indicates safety critical components.

## PARTS LIST

## ELECTRIC UNIT (X34-338x-xx)

| Ref. No.  | Add | New | Parts No.     | Description                   | Destination | Ref. No. | Add | New | Parts No.      | Description          | Destination |
|-----------|-----|-----|---------------|-------------------------------|-------------|----------|-----|-----|----------------|----------------------|-------------|
| C421,422  |     |     | CD04AS1C220M  | ELECTRO 22UF 16WV             | KM1         | R6       |     |     | RK73GB2A153J   | CHIP R 15K J 1/10W   |             |
| C423,424  |     |     | CC73GCH1H101J | CHIP C 100PF J                |             | R7       |     |     | RK73GH2A243D   | CHIP R 24K D 1/10W   |             |
| C426,427  |     |     | CK73FB1C474K  | CHIP C 0.47UF K               | K1          | R8       |     |     | RK73GH2A432D   | CHIP R 4.3K D 1/10W  |             |
| C428      |     |     | CD04AS0J470M  | ELECTRO 47UF 6.3WV            | K1          | R9       |     |     | RK73FB2B621J   | CHIP R 620 J 1/8W    |             |
| C429      |     |     | CK73GB1H103K  | CHIP C 0.010UF K              | K1          | R10      |     |     | RK73GB2A473J   | CHIP R 47K J 1/10W   |             |
| C431      |     |     | CD04AS1C100M  | ELECTRO 10UF 16WV             |             | R11      |     |     | RK73GB2A123J   | CHIP R 12K J 1/10W   |             |
| C435,436  |     |     | CK73GB1H152K  | CHIP C 1500PF K               |             | R12      |     |     | RK73GB2A152J   | CHIP R 1.5K J 1/10W  |             |
| C501      |     |     | CK73FB1C105K  | CHIP C 1.0UF K                |             | R13      |     |     | RK73GB2A272J   | CHIP R 2.7K J 1/10W  |             |
| C503-506  |     |     | C90-5700-05   | NP-ELEC 4.7UF 16WV            |             | R15      |     |     | RK73GB2A473J   | CHIP R 47K J 1/10W   |             |
| C507      |     |     | CK73FB1C105K  | CHIP C 1.0UF K                |             | R17,18   |     |     | RK73GB2A223J   | CHIP R 22K J 1/10W   |             |
| C510,511  |     |     | CK73FB1C474K  | CHIP C 0.47UF K               |             | R20      |     |     | RK73GB2A473J   | CHIP R 47K J 1/10W   |             |
| C512      |     |     | CD04AS0J470M  | ELECTRO 47UF 6.3WV            |             | R21      |     |     | RK73GB2A103J   | CHIP R 10K J 1/10W   |             |
| C513      |     |     | CK73GB1H103K  | CHIP C 0.010UF K              |             | R22      | *   |     | RK73SB3A220J   | CHIP R 22 J 1W       | KM1         |
| C529      |     |     | C90-5700-05   | NP-ELEC 4.7UF 16WV            |             | R23      |     |     | RK73GB2A102J   | CHIP R 1.0K J 1/10W  | KM1         |
| C802      |     |     | CK73GB1H102K  | CHIP C 1000PF K               |             | R24      |     |     | RK73GB2A513J   | CHIP R 51K J 1/10W   | KM1         |
| C953,954  |     |     | CD04AS1C100M  | ELECTRO 10UF 16WV             |             | R25,26   |     |     | RK73GB2A102J   | CHIP R 1.0K J 1/10W  | KM1         |
| C955      |     |     | CK73GB1H103K  | CHIP C 0.010UF K              |             | R27      |     |     | RK73GB2A221J   | CHIP R 220 J 1/10W   | KM1         |
| C957,958  |     |     | CK73GB1H102K  | CHIP C 1000PF K               |             | R28,29   |     |     | RK73GB2A2R2J   | CHIP R 2.2 J 1/10W   | KM1         |
| C959      |     |     | CD04AS1C470M  | ELECTRO 47UF 16WV             |             | R30      |     |     | RK73GB2A332J   | CHIP R 3.3K J 1/10W  | KM1         |
| C960      |     |     | CK73GB1H104K  | CHIP C 0.10UF K               |             | R31      | *   |     | RK73SB3A9R1J   | CHIP R 9.1 J 1W      |             |
| C961      |     |     | CD04AS1C100M  | ELECTRO 10UF 16WV             |             | R101     |     |     | RK73EB2E102J   | CHIP R 1.0K J 1/4W   |             |
| C999      |     |     | CD04AS1A101M  | ELECTRO 100UF 10WV            |             | R102,103 |     |     | RK73EB2E103J   | CHIP R 10K J 1/4W    |             |
| CN1       |     |     | E41-2244-05   | FLAT CABLE CONNECTOR          |             | R104     |     |     | RK73EB2E472J   | CHIP R 4.7K J 1/4W   |             |
| CN4       |     | *   | E41-2446-05   | PIN ASSY                      |             | R105     | *   |     | RK73SB3A471J   | CHIP R 470 J 1W      |             |
| J1        |     |     | E58-0991-05   | RECTANGULAR RECEPTACLE        |             | R106     |     |     | RK73GB2A223J   | CHIP R 22K J 1/10W   |             |
| J2        |     |     | E56-0855-05   | CYLINDRICAL RECEPTACLE        |             | R107     |     |     | RK73FB2B472J   | CHIP R 4.7K J 1/8W   |             |
| J3        |     |     | E63-0896-05   | PIN JACK                      |             | R108     |     |     | R92-5024-05    | CHIP R 1K J 1/2W     |             |
| J4        |     |     | E58-0992-05   | RECTANGULAR RECEPTACLE        |             | R109     |     |     | RK73GB2A223J   | CHIP R 22K J 1/10W   |             |
| W1        | 2D  |     | E30-6218-15   | CORD WITH PLUG (ANTENNA)      |             | R110     |     |     | R92-5024-05    | CHIP R 1K J 1/2W     |             |
| L1        |     |     | L33-1988-05   | CHOKE COIL ASSY               |             | R112     |     |     | RK73GB2A223J   | CHIP R 22K J 1/10W   |             |
| L2        |     |     | L33-1925-05   | CHOKE COIL (220UH)            |             | R113     |     |     | RK73GB2A473J   | CHIP R 47K J 1/10W   |             |
| L3        |     | *   | L33-2262-05   | CHOKE COIL (100UH)            |             | R114     |     |     | RK73GB2A104J   | CHIP R 100K J 1/10W  |             |
| L201      |     |     | L41-4795-33   | SMALL FIXED INDUCTOR (4.7UH)  |             | R115     |     |     | RK73FB2B683J   | CHIP R 68K J 1/8W    |             |
| L202      |     |     | L92-0075-05   | CHIP FERRITE                  |             | R116     |     |     | RK73GB2A393J   | CHIP R 39K J 1/10W   |             |
|           |     |     |               |                               |             | R117     |     |     | RK73FB2B203J   | CHIP R 20K J 1/8W    |             |
| L301      |     |     | L33-2260-05   | CHOKE COIL                    |             | R118     |     |     | RK73GB2A104J   | CHIP R 100K J 1/10W  |             |
| L302-304  |     |     | L41-4795-33   | SMALL FIXED INDUCTOR (4.7UH)  |             | R119     |     |     | RK73GB2A103J   | CHIP R 10K J 1/10W   |             |
| X1        |     |     | L77-2880-05   | CRYSTAL RESONATOR (32.768KHZ) |             | R120     |     |     | RK73GB2A474J   | CHIP R 470K J 1/10W  |             |
| X2        |     |     | L78-0872-05   | RESONATOR (12.00MHZ)          |             | R121     |     |     | RK73GB2A101J   | CHIP R 100 J 1/10W   |             |
| G         | 2D  |     | N80-3010-48   | PAN HEAD TAPTITE SCREW        |             | R122,123 |     |     | RK73GB2A103J   | CHIP R 10K J 1/10W   |             |
| H         | 2D  |     | N82-2608-48   | BINDING HEAD TAPTITE SCREW    |             | R124     |     |     | RK73GB2A104J   | CHIP R 100K J 1/10W  |             |
| J         | 2D  |     | N83-3005-48   | PAN HEAD TAPTITE SCREW        |             | R125     |     |     | RK73GB2A223J   | CHIP R 22K J 1/10W   |             |
| K         | 2D  |     | N83-3020-48   | PAN HEAD TAPTITE SCREW        |             | R126     |     |     | RD14DB2H332J-T | SMALL-RD 3.3K J 1/2W |             |
| CP201,202 |     |     | RK74GB1J101J  | CHIP-COM 100 J 1/16W          |             | R127     |     |     | RK73EB2E333J   | CHIP R 33K J 1/4W    |             |
| CP203     |     |     | RK74GA1J471J  | CHIP-COM 470 J 1/16W          |             | R128,129 |     |     | RK73GB2A103J   | CHIP R 10K J 1/10W   |             |
| CP204     |     |     | RK74GA1J102J  | CHIP-COM 1.0K J 1/16W         |             | R130     |     |     | RK73GB2A102J   | CHIP R 1.0K J 1/10W  |             |
| CP206     |     |     | RK74GB1J222J  | CHIP-COM 2.2K J 1/16W         |             | R131     |     |     | RK73GB2A473J   | CHIP R 47K J 1/10W   |             |
| CP207,208 |     |     | RK74GA1J102J  | CHIP-COM 1.0K J 1/16W         |             | R201     |     |     | RK73GB2A222J   | CHIP R 2.2K J 1/10W  |             |
| CP209     |     |     | RK74GB1J101J  | CHIP-COM 100 J 1/16W          |             | R202     |     |     | RK73GB2A225J   | CHIP R 2.2M J 1/10W  |             |
| R1        |     |     | RK73FB2B153J  | CHIP R 15K J 1/8W             |             | R203     |     |     | RK73GB2A104J   | CHIP R 100K J 1/10W  |             |
| R2        |     |     | RK73GB2A101J  | CHIP R 100 J 1/10W            |             | R204     |     |     | RK73GB2A102J   | CHIP R 1.0K J 1/10W  |             |
| R3        |     |     | RK73GB2A223J  | CHIP R 22K J 1/10W            |             | R205     |     |     | RK73GB2A103J   | CHIP R 10K J 1/10W   |             |
| R4        |     |     | RK73GB2A472J  | CHIP R 4.7K J 1/10W           |             | R207,208 |     |     | RK73GB2A103J   | CHIP R 10K J 1/10W   |             |
| R5        |     |     | RK73FB2B221J  | CHIP R 220 J 1/8W             |             | R210     |     |     | RK73GB2A473J   | CHIP R 47K J 1/10W   |             |
|           |     |     |               |                               |             | R211     |     |     | RK73GB2A102J   | CHIP R 1.0K J 1/10W  |             |

E : Europe K : North America  
M : Other Areas W : Without Europe

K : KDC-MP4028  
K1 : KDC-MP428  
M1 : KDC-MP6029

△ Indicates safety critical components.

## PARTS LIST

## ELECTRIC UNIT (X34-338x-xx)

| Ref. No. | Add | New | Parts No.    | Description         | Destination |
|----------|-----|-----|--------------|---------------------|-------------|
| R212     |     |     | RK73GB2A473J | CHIP R 47K J 1/10W  |             |
| R213     |     |     | RK73GB2A102J | CHIP R 1.0K J 1/10W |             |
| R215     |     |     | RK73GB2A104J | CHIP R 100K J 1/10W |             |
| R216     |     |     | RK73GB2A102J | CHIP R 1.0K J 1/10W |             |
| R218,219 |     |     | RK73GB2A102J | CHIP R 1.0K J 1/10W |             |
| R220     |     |     | RK73GB2A223J | CHIP R 22K J 1/10W  |             |
| R224     |     |     | RK73GB2A473J | CHIP R 47K J 1/10W  |             |
| R227,228 |     |     | RK73GB2A472J | CHIP R 4.7K J 1/10W |             |
| R229,230 |     |     | RK73GB2A473J | CHIP R 47K J 1/10W  |             |
| R233     |     |     | RK73GB2A101J | CHIP R 100 J 1/10W  |             |
| R234,235 |     |     | RK73GB2A392J | CHIP R 3.9K J 1/10W |             |
| R236,237 |     |     | RK73GB2A473J | CHIP R 47K J 1/10W  |             |
| R239     |     |     | RK73GB2A222J | CHIP R 2.2K J 1/10W |             |
| R240     |     |     | RK73GB2A101J | CHIP R 100 J 1/10W  |             |
| R241     |     |     | RK73GB2A222J | CHIP R 2.2K J 1/10W |             |
| R243     |     |     | RK73GB2A473J | CHIP R 47K J 1/10W  | K           |
| R244     |     |     | RK73GB2A473J | CHIP R 47K J 1/10W  | K1          |
| R244,245 |     |     | RK73GB2A473J | CHIP R 47K J 1/10W  | M1          |
| R246,247 |     |     | RK73GB2A473J | CHIP R 47K J 1/10W  | KK1         |
| R247     |     |     | RK73GB2A473J | CHIP R 47K J 1/10W  | M1          |
| R249,250 |     |     | RK73GB2A473J | CHIP R 47K J 1/10W  |             |
| R253     |     |     | RK73GB2A222J | CHIP R 2.2K J 1/10W |             |
| R254     |     |     | RK73GB2A473J | CHIP R 47K J 1/10W  |             |
| R257,258 |     |     | RK73GB2A222J | CHIP R 2.2K J 1/10W |             |
| R259,260 |     |     | RK73GB2A104J | CHIP R 100K J 1/10W |             |
| R261     |     |     | RK73GB2A333J | CHIP R 33K J 1/10W  |             |
| R262,263 |     |     | RK73GB2A473J | CHIP R 47K J 1/10W  |             |
| R301     |     |     | RK73EB2E102J | CHIP R 1.0K J 1/4W  |             |
| R302,303 |     |     | RK73EB2E101J | CHIP R 100 J 1/4W   |             |
| R304     |     |     | RK73EB2E102J | CHIP R 1.0K J 1/4W  |             |
| R305-309 |     |     | RK73EB2E101J | CHIP R 100 J 1/4W   |             |
| R310     |     |     | RK73EB2E102J | CHIP R 1.0K J 1/4W  |             |
| R311     |     |     | RK73GB2A222J | CHIP R 2.2K J 1/10W |             |
| R312     |     |     | RK73GB2A473J | CHIP R 47K J 1/10W  |             |
| R313     |     |     | RK73GB2A472J | CHIP R 4.7K J 1/10W |             |
| R316     |     |     | RK73GB2A104J | CHIP R 100K J 1/10W |             |
| R317     |     |     | RK73GB2A471J | CHIP R 470 J 1/10W  |             |
| R318     |     |     | RK73GB2A104J | CHIP R 100K J 1/10W |             |
| R319     |     |     | RK73GB2A471J | CHIP R 470 J 1/10W  |             |
| R320     |     |     | RK73FB2B102J | CHIP R 1.0K J 1/8W  |             |
| R321     |     |     | RK73GB2A223J | CHIP R 22K J 1/10W  |             |
| R322     |     |     | RK73GB2A471J | CHIP R 470 J 1/10W  |             |
| R323     |     |     | RK73GB2A472J | CHIP R 4.7K J 1/10W |             |
| R324     |     |     | RK73GB2A471J | CHIP R 470 J 1/10W  |             |
| R325     |     |     | RK73GB2A472J | CHIP R 4.7K J 1/10W |             |
| R326     |     |     | RK73GB2A222J | CHIP R 2.2K J 1/10W |             |
| R327     |     |     | RK73GB2A681J | CHIP R 680 J 1/10W  |             |
| R332     |     |     | RK73GB2A241J | CHIP R 240 J 1/10W  |             |
| R336     |     |     | RK73GB2A474J | CHIP R 470K J 1/10W |             |
| R337,338 |     |     | RK73GB2A102J | CHIP R 1.0K J 1/10W |             |
| R339     |     |     | RK73GB2A474J | CHIP R 470K J 1/10W |             |
| R401     |     |     | RK73GB2A103J | CHIP R 10K J 1/10W  |             |
| R402,403 |     |     | RK73GB2A361J | CHIP R 360 J 1/10W  |             |
| R404,405 |     |     | RK73GB2A223J | CHIP R 22K J 1/10W  |             |
| R406,407 |     |     | RK73GB2A361J | CHIP R 360 J 1/10W  |             |

| Ref. No. | Add | New | Parts No.    | Description          | Destination |
|----------|-----|-----|--------------|----------------------|-------------|
| R408,409 |     |     | RK73GB2A223J | CHIP R 22K J 1/10W   |             |
| R410,411 |     |     | RK73GB2A361J | CHIP R 360 J 1/10W   | KM1         |
| R412,413 |     |     | RK73GB2A223J | CHIP R 22K J 1/10W   | KM1         |
| R414-419 |     |     | RK73FB2B181J | CHIP R 180 J 1/8W    | KM1         |
| R414,415 |     |     | RK73FB2B181J | CHIP R 180 J 1/8W    | K1          |
| R420,421 |     |     | RK73FB2B181J | CHIP R 180 J 1/8W    | K1          |
| R422     |     |     | RK73EB2E4R7J | CHIP R 4.7 J 1/4W    | K1          |
| R423,424 |     |     | RK73EB2E100J | CHIP R 10 J 1/4W     | K1          |
| R425     |     |     | RK73GB2A102J | CHIP R 1.0K J 1/10W  | K1          |
| R426     |     |     | RK73GB2A222J | CHIP R 2.2K J 1/10W  | KM1         |
| R427     |     |     | RK73GB2A472J | CHIP R 4.7K J 1/10W  | KM1         |
| R428     |     |     | RK73GB2A102J | CHIP R 1.0K J 1/10W  | KM1         |
| R429     |     |     | RK73GB2A473J | CHIP R 47K J 1/10W   | KM1         |
| R431     |     |     | RK73GB2A100J | CHIP R 10 J 1/10W    |             |
| R432     |     |     | RK73EB2E2R2J | CHIP R 2.2 J 1/4W    |             |
| R433,434 |     |     | RK73GB2A101J | CHIP R 100 J 1/10W   |             |
| R440,441 |     |     | RK73GB2A102J | CHIP R 1.0K J 1/10W  |             |
| R501     |     |     | RK73GB2A102J | CHIP R 1.0K J 1/10W  |             |
| R503     |     |     | RK73GB2A302J | CHIP R 3.0K J 1/10W  |             |
| R505,506 |     |     | RK73GB2A223J | CHIP R 22K J 1/10W   |             |
| R507     |     |     | RK73GB2A221J | CHIP R 220 J 1/10W   |             |
| R508     |     |     | RK73EB2E472J | CHIP R 4.7K J 1/4W   |             |
| R509     |     |     | RK73EB2E101J | CHIP R 100 J 1/4W    |             |
| R510     |     |     | RK73EB2E472J | CHIP R 4.7K J 1/4W   |             |
| R511-515 |     |     | RK73EB2E101J | CHIP R 100 J 1/4W    |             |
| R516,517 |     |     | RK73EB2E100J | CHIP R 10 J 1/4W     |             |
| R518     |     |     | RK73EB2E4R7J | CHIP R 4.7 J 1/4W    |             |
| R519     |     |     | RK73GB2A102J | CHIP R 1.0K J 1/10W  |             |
| R520     |     |     | RK73EB2E102J | CHIP R 1.0K J 1/4W   | KK1         |
| R521-523 |     |     | RK73EB2E471J | CHIP R 470 J 1/4W    | KK1         |
| R801     |     | *   | RK73GB2A8R2J | CHIP R 8.2 J 1/10W   |             |
| R802     |     |     | RK73GB2A5R6J | CHIP R 5.6 J 1/10W   |             |
| R920     |     |     | RK73GB2A391J | CHIP R 390 J 1/10W   |             |
| R921     |     |     | RK73GB2A242J | CHIP R 2.4K J 1/10W  |             |
| R922     |     |     | RK73GB2A102J | CHIP R 1.0K J 1/10W  |             |
| R924     |     |     | RK73GB2A512J | CHIP R 5.1K J 1/10W  |             |
| R925     |     |     | RK73GB2A101J | CHIP R 100 J 1/10W   |             |
| R926     |     |     | RK73GB2A102J | CHIP R 1.0K J 1/10W  |             |
| R927     |     |     | RK73GB2A113J | CHIP R 11K J 1/10W   |             |
| R928     |     |     | RK73FB2B4R7J | CHIP R 4.7 J 1/8W    |             |
| R929     |     |     | RK73GB2A332J | CHIP R 3.3K J 1/10W  |             |
| R930     |     |     | RK73FB2B1R0J | CHIP R 1.0 J 1/8W    |             |
| R932     |     |     | RK73GB2A100J | CHIP R 10 J 1/10W    |             |
| R933     |     |     | RK73FB2B152J | CHIP R 1.5K J 1/8W   |             |
| R934     |     |     | RK73GB2A104J | CHIP R 100K J 1/10W  |             |
| R935     |     |     | RK73GB2A472J | CHIP R 4.7K J 1/10W  |             |
| R936     |     |     | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R937     |     |     | RK73GB2A101J | CHIP R 100 J 1/10W   |             |
| R941-944 |     |     | RK73GB2A471J | CHIP R 470 J 1/10W   |             |
| R945-949 |     |     | RK73GB2A103J | CHIP R 10K J 1/10W   |             |
| R950     |     |     | RK73GB2A432J | CHIP R 4.3K J 1/10W  |             |
| R951     |     |     | RK73GB2A100J | CHIP R 10 J 1/10W    |             |
| R952     |     |     | RK73GB2A431J | CHIP R 430 J 1/10W   |             |
| R953     |     |     | RK73GB2A510J | CHIP R 51 J 1/10W    |             |
| W3       |     |     | R92-1252-05  | CHIP R 0 OHM J 1/16W |             |

E : Europe K : North America  
M : Other Areas W : Without Europe

K : KDC-MP4028  
K1 : KDC-MP428  
M1 : KDC-MP6029

△ Indicates safety critical components.

## PARTS LIST

## ELECTRIC UNIT (X34-338x-xx)

| Ref. No. | Add | New | Parts No.   | Description          | Destination | Ref. No. | Add | New | Parts No.       | Description        | Destination |
|----------|-----|-----|-------------|----------------------|-------------|----------|-----|-----|-----------------|--------------------|-------------|
| W14      |     |     | R92-2053-05 | CHIP R 0 OHM J 1/8W  | KM1         | D903     |     |     | 02DZ6.8F-Y      | ZENER DIODE        |             |
| W15      |     |     | R92-2053-05 | CHIP R 0 OHM J 1/8W  | K1          | D904     |     |     | DA227           | DIODE              |             |
| W931,932 |     |     | R92-1252-05 | CHIP R 0 OHM J 1/16W |             | D905     |     |     | UDZS16B         | ZENER DIODE        |             |
| W997,998 |     |     | R92-1252-05 | CHIP R 0 OHM J 1/16W |             | D905     | *   |     | 02DZ16F-Y       | ZENER DIODE        |             |
| S3       |     | *   | S74-0822-05 | MICRO SWITCH         |             | IC1      | *   |     | 30624MGPA44GP   | MICROCONTROLLER IC |             |
| S4       |     | *   | S70-0931-05 | TACT SWITCH          |             | IC2      | *   |     | E-TDA7415       | ANALOGUE IC        |             |
| D1       |     |     | S2V60*A     | DIODE                |             | IC3      |     |     | M5237ML-CF0J    | ANALOGUE IC        |             |
| D2       |     |     | RB160L-40   | DIODE                |             | IC4      |     |     | E-TDA7560A      | ANALOGUE IC        |             |
| D3       |     |     | UDZS5.6B    | ZENER DIODE          |             | IC5      | *   |     | BA00CCWT-V5     | ANALOGUE IC        |             |
| D3       |     |     | 02DZ5.6F-Y  | ZENER DIODE          |             | IC6      | *   |     | HD74HC02T-E     | MOS-IC             |             |
| D4       |     |     | UDZS8.2B    | ZENER DIODE          |             | IC6      | *   |     | SN74HC02APWR    | MOS-IC             |             |
| D4       |     | *   | 02DZ8.2F-Y  | ZENER DIODE          |             | IC7      | *   |     | S-80836CNCNB-J  | MOS-IC             |             |
| D8       |     | *   | 02DZ12F-X   | ZENER DIODE          | KM1         | IC11     |     |     | TA75S558F-F     | ANALOGUE IC        | KM1         |
| D9       |     |     | D1F60-5063  | DIODE                | KM1         | IC12     |     |     | SI-8050JF3NF    | ANALOGUE IC        |             |
| D9       |     |     | 1SR154-400  | DIODE                | KM1         | IC902    | *   |     | NJM4565V-ZB     | ANALOGUE IC        |             |
| D10      |     |     | SFPB-54VNF  | DIODE                |             | Q1       |     |     | 2SB1565         | TRANSISTOR         |             |
| D101     |     |     | 10EDA20     | DIODE                |             | Q2       | *   |     | KTC4075P(Y,GR)  | TRANSISTOR         |             |
| D102-105 |     |     | D1F60-5063  | DIODE                |             | Q2       |     |     | 2SC4081         | TRANSISTOR         |             |
| D102-105 |     |     | 1SR154-400  | DIODE                |             | Q2       | *   |     | 2SC4155A(Q,R,S) | TRANSISTOR         |             |
| D107     |     |     | UDZS4.7B    | ZENER DIODE          |             | Q3,4     |     |     | KTA2014P(Y,GR)  | TRANSISTOR         |             |
| D107     |     |     | 02DZ4.7F-Y  | ZENER DIODE          |             | Q3,4     |     |     | 2SA1576A        | TRANSISTOR         |             |
| D108,109 |     |     | UDZS6.8B    | ZENER DIODE          |             | Q3,4     |     |     | 2SA1603A        | TRANSISTOR         |             |
| D108,109 |     |     | 02DZ6.8F-Y  | ZENER DIODE          |             | Q5       |     |     | 2SB1565         | TRANSISTOR         |             |
| D110     |     |     | DAN202U     | DIODE                |             | Q6       |     |     | UMC2N           | DIGITAL TRANSISTOR |             |
| D110     |     |     | KDS121-P    | DIODE                |             | Q7       |     |     | 2SB1565         | TRANSISTOR         |             |
| D110     |     |     | MC2848      | DIODE                |             | Q8       |     |     |                 |                    |             |
| D111     |     |     | UDZS6.2B    | ZENER DIODE          |             | Q8       | *   |     | KTC4075P(Y,GR)  | TRANSISTOR         |             |
| D111     |     | *   | 02DZ6.2F-Y  | ZENER DIODE          |             | Q8       |     |     | 2SC4081         | TRANSISTOR         |             |
| D201     |     |     | DAP202U     | DIODE                |             | Q8       | *   |     | 2SC4155A(Q,R,S) | TRANSISTOR         |             |
| D201     |     | *   | KDS120-P    | DIODE                |             | Q9       |     |     | DTC124EUA       | DIGITAL TRANSISTOR |             |
| D301     |     | *   | IMSA-6801-E | SURGE ABSORBER       |             | Q9       | *   |     | KRC403-P        | DIGITAL TRANSISTOR |             |
| D303     |     | *   | 02DZ9.1F-Z  | ZENER DIODE          |             | Q9       |     |     | RT1N241M        | DIGITAL TRANSISTOR |             |
| D304     |     |     | DA204K      | DIODE                |             | Q11      |     |     | DTC124EUA       | DIGITAL TRANSISTOR |             |
| D305-308 |     |     | STZ6.2N     | ZENER DIODE          |             | Q11      | *   |     | KRC403-P        | DIGITAL TRANSISTOR |             |
| D309,310 |     |     | DA204K      | DIODE                |             | Q11      | *   |     | RT1N241M        | DIGITAL TRANSISTOR |             |
| D401-403 |     |     | DAP202U     | DIODE                |             | Q12      |     |     | DTC144EUA       | DIGITAL TRANSISTOR |             |
| D401-403 |     | *   | KDS120-P    | DIODE                | K1          | Q12      | *   |     | KRC404-P        | DIGITAL TRANSISTOR |             |
| D405,406 |     |     | STZ6.8N     | ZENER DIODE          | KM1         | Q12      | *   |     | RT1N441M        | DIGITAL TRANSISTOR |             |
| D407     |     |     | UDZS5.6B    | ZENER DIODE          | KM1         | Q13      |     |     | KTA2014P(Y,GR)  | TRANSISTOR         |             |
| D407     |     |     | 02DZ5.6F-Y  | ZENER DIODE          | KM1         | Q13      |     |     | 2SA1576A        | TRANSISTOR         |             |
| D408-410 |     |     | DA204K      | DIODE                | KM1         | Q13      |     |     | 2SA1603A        | TRANSISTOR         |             |
| D408,409 |     |     | DA204K      | DIODE                | K1          | Q14,15   | *   |     | KTC4075P(Y,GR)  | TRANSISTOR         | KM1         |
| D411     |     |     | DAP202U     | DIODE                | KM1         | Q14,15   | *   |     | 2SC4081         | TRANSISTOR         | KM1         |
| D411     |     | *   | KDS120-P    | DIODE                | KM1         | Q14,15   | *   |     | 2SC4155A(Q,R,S) | TRANSISTOR         | KM1         |
| D500-502 |     |     | DAP202U     | DIODE                |             | Q16      |     |     | 2SB1443         | TRANSISTOR         | KM1         |
| D500-502 |     | *   | KDS120-P    | DIODE                |             | Q101     |     |     | 2SB1188(Q,R)    | TRANSISTOR         |             |
| D503,504 |     |     | D1F60-5063  | DIODE                |             | Q102     |     |     | DTC114YUA       | DIGITAL TRANSISTOR |             |
| D503,504 |     |     | 1SR154-400  | DIODE                |             | Q102     |     |     | RT1N144M        | DIGITAL TRANSISTOR |             |
| D505,506 |     |     | AM01ZNF     | DIODE                |             | Q103     |     |     | 2SB1188(Q,R)    | TRANSISTOR         |             |
| D507-510 |     |     | D1F60-5063  | DIODE                |             | Q104     |     |     | KTA2014P(Y,GR)  | TRANSISTOR         |             |
| D507-510 |     |     | 1SR154-400  | DIODE                |             | Q104     |     |     | 2SA1576A        | TRANSISTOR         |             |
| D511,512 |     |     | STZ6.8N     | ZENER DIODE          |             | Q104     |     |     | 2SA1603A        | TRANSISTOR         |             |
| D513-515 |     |     | STZ6.2N     | ZENER DIODE          |             | Q105     |     |     | DTA114EUA       | DIGITAL TRANSISTOR |             |
| D903     |     |     | UDZS6.8B    | ZENER DIODE          |             | Q105     | *   |     | KRA302-P        | DIGITAL TRANSISTOR |             |
|          |     |     |             |                      |             | Q105     | *   |     | RT1P141M        | DIGITAL TRANSISTOR |             |
|          |     |     |             |                      |             | Q106     |     |     | DTC114YUA       | DIGITAL TRANSISTOR |             |

E : Europe K : North America  
M : Other Areas W : Without Europe

K : KDC-MP4028  
K1 : KDC-MP428  
M1 : KDC-MP6029

△ Indicates safety critical components.

## PARTS LIST

## ELECTRIC UNIT (X34-338x-xx)

| Ref. No.                                                 | A<br>d<br>d | N<br>e<br>w | Parts No.                                                              | Description                                                                                                | Desti-<br>nation             |
|----------------------------------------------------------|-------------|-------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------|
| Q106<br>Q108<br>Q108<br>Q108<br>Q109                     |             |             | RT1N144M<br>DTC144EUA<br>* KRC404-P<br>* RT1N441M<br>2SC4081           | DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR<br>TRANSISTOR         |                              |
| Q109<br>Q110<br>Q110<br>Q110<br>Q111,112                 |             | *           | 2SC4155A(Q,R,S)<br>KTA2014P(Y,GR)<br>2SA1576A<br>2SA1603A<br>2SC4081   | TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR                                         |                              |
| Q111,112<br>Q113<br>Q113<br>Q113<br>Q114                 |             | *           | 2SC4155A(Q,R,S)<br>KTA2014P(Y,GR)<br>2SA1576A<br>2SA1603A<br>DTA144EE  | TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>DIGITAL TRANSISTOR                                 |                              |
| Q114<br>Q114<br>Q115,116<br>Q115,116<br>Q115,116         |             | *           | KRA304E-P<br>RT1P441U<br>DTA124EUA<br>KRA303-P<br>RT1P241M             | DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR |                              |
| Q299<br>Q300<br>Q301<br>Q301<br>Q301                     |             |             | UMC2N<br>2SB1689<br>DTC124EUA<br>* KRC403-P<br>* RT1N241M              | DIGITAL TRANSISTOR<br>TRANSISTOR<br>DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR         |                              |
| Q302<br>Q303<br>Q303<br>Q303<br>Q304                     |             | *           | 2SB1565<br>KTC4075P(Y,GR)<br>2SC4081<br>* 2SC4155A(Q,R,S)<br>DTC114YUA | TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>DIGITAL TRANSISTOR                                 |                              |
| Q304<br>Q305<br>Q306<br>Q306<br>Q306                     |             | *           | RT1N144M<br>2SA1577<br>DTC144EUA<br>* KRC404-P<br>* RT1N441M           | DIGITAL TRANSISTOR<br>TRANSISTOR<br>DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR         |                              |
| Q400-403<br>Q400-403<br>Q400-403<br>Q400-405<br>Q400-405 |             |             | DTC143TUA<br>KRC410-P<br>RT1N430M<br>DTC143TUA<br>KRC410-P             | DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR | K1<br>K1<br>K1<br>KM1<br>KM1 |
| Q400-405<br>Q905<br>Q906<br>Q906<br>Q906                 |             |             | RT1N430M<br>2SC2873-F<br>DTA124EUA<br>KRA303-P<br>RT1P241M             | DIGITAL TRANSISTOR<br>TRANSISTOR<br>DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR<br>DIGITAL TRANSISTOR         | KM1                          |
| Q907<br>Q907<br>Q907<br>TH1                              |             |             | KTA2014P(Y,GR)<br>2SA1576A<br>2SA1603A<br>PRF21BD471QB2                | TRANSISTOR<br>TRANSISTOR<br>TRANSISTOR<br>POSITIVE RESISTOR                                                |                              |
| A1                                                       | 2D          | *           | X86-3840-11                                                            | FRONT-END UNIT                                                                                             |                              |
| <b>MECHANISM ASSY (X92-5080-00)</b>                      |             |             |                                                                        |                                                                                                            |                              |
| 2                                                        | 1B          |             | A10-4827-32                                                            | CHASSIS                                                                                                    |                              |
| 5                                                        | 1B          |             | D10-4576-83                                                            | ARM ASSY                                                                                                   |                              |

| Ref. No.                   | A<br>d<br>d                | N<br>e<br>w | Parts No.                                                               | Description                                                                                                                                          | Desti-<br>nation |
|----------------------------|----------------------------|-------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 8<br>10<br>11<br>12<br>13  | 2A<br>2A<br>2A<br>3A<br>3A |             | D10-4579-23<br>D10-4581-13<br>D10-4582-13<br>D10-4583-03<br>D10-4584-03 | LEVER ASSY<br>ARM<br>ARM<br>ARM<br>ARM                                                                                                               |                  |
| 14<br>15<br>16<br>17<br>18 | 3B<br>2A<br>3B<br>2B<br>2B |             | D10-4585-03<br>D10-4586-13<br>D10-4587-52<br>D10-4588-13<br>D10-4595-04 | ARM<br>SLIDER<br>SLIDER<br>SLIDER<br>ARM                                                                                                             |                  |
| 19<br>22<br>23<br>24<br>25 | 2B<br>2A<br>2B<br>3B<br>3B |             | D10-4596-24<br>D13-2151-04<br>D13-2152-04<br>D13-2153-04<br>D13-2154-04 | ARM<br>GEAR<br>GEAR<br>GEAR<br>GEAR                                                                                                                  |                  |
| 26<br>27<br>28<br>29<br>30 | 3B<br>2B<br>3B<br>2B<br>2B |             | D13-2155-04<br>D13-2156-14<br>D13-2157-04<br>D13-2158-04<br>D13-2168-04 | WORM<br>GEAR<br>GEAR<br>GEAR<br>GEAR                                                                                                                 |                  |
| 31<br>32<br>33<br>35<br>36 | 3B<br>1B<br>2A<br>2B<br>1A |             | D13-2171-04<br>D13-2172-13<br>D14-0759-04<br>D21-2382-04<br>D23-0954-04 | GEAR<br>RACK (GEAR)<br>ROLLER<br>SHAFT<br>RETAINER                                                                                                   |                  |
| 37                         | 1B                         |             | D39-0246-05                                                             | DAMPER                                                                                                                                               |                  |
| 38<br>39<br>40<br>41<br>42 | 2B<br>2A<br>2A<br>1B<br>2A |             | G01-3072-04<br>G01-3073-04<br>G01-3074-04<br>G01-3075-14<br>G01-3076-04 | EXTENSION SPRING<br>TORSION COIL SPRING<br>EXTENSION SPRING<br>EXTENSION SPRING<br>EXTENSION SPRING                                                  |                  |
| 43<br>44<br>45             | 1B<br>2B<br>2B             |             | G01-3077-14<br>G02-1399-04<br>G02-1408-04                               | EXTENSION SPRING<br>FLAT SPRING<br>FLAT SPRING                                                                                                       |                  |
| 51<br>52<br>53<br>55<br>56 | 1A<br>3B<br>1B<br>1A<br>1B |             | J21-9676-32<br>J21-9677-22<br>J21-9678-13<br>J90-1001-11<br>J90-1023-03 | MOUNTING HARDWARE<br>MOUNTING HARDWARE<br>MOUNTING HARDWARE<br>GUIDE<br>GUIDE                                                                        |                  |
| DFPC1                      | 3A                         |             | J84-0141-05                                                             | FLEXIBLE PRINTED WIRING BOARD                                                                                                                        |                  |
| A<br>B<br>C<br>E<br>F      | 2B<br>1B<br>2B<br>2B<br>1A |             | N09-4460-05<br>N09-4472-15<br>N09-6004-05<br>N09-6007-05<br>N09-6051-05 | TAPTITE SCREW (OVAL P TAPTIT)<br>MACHINE SCREW (M1.7X8.0)<br>MACHINE SCREW (M1.7X2.5 IB-L)<br>MACHINE SCREW (PAN M2X2)<br>TAPTITE SCREW (BIND P 2X5) |                  |
| G<br>H<br>J<br>K           | 2A<br>1B<br>1B<br>3B       |             | N19-2163-04<br>N39-2020-46<br>N09-6108-05<br>N09-6155-05                | FLAT WASHER<br>PAN HEAD MACHINE SCREW<br>MACHINE SCREW (M2*3.5)<br>SEMS (TAPTITE SCREW) (PT2X6)                                                      |                  |
| DM1<br>DM2                 | 3B<br>2B                   |             | T42-1066-04<br>T42-1067-04                                              | DC MOTOR (SPINDLE)<br>DC MOTOR (LOADING)                                                                                                             |                  |
| DPU1                       | 2B                         |             | X93-2010-00                                                             | OPTICAL PICKUP ASSY                                                                                                                                  |                  |

E : Europe K : North America  
M : Other Areas W : Without Europe

K : KDC-MP4028  
K1 : KDC-MP428  
M1 : KDC-MP6029

△ Indicates safety critical components.

CD RECEIVER

KDC-3028/328/MP4028/MP428  
/MP5029/MP6029  
/W5031/W5031Y/W531Y

# SERVICE MANUAL

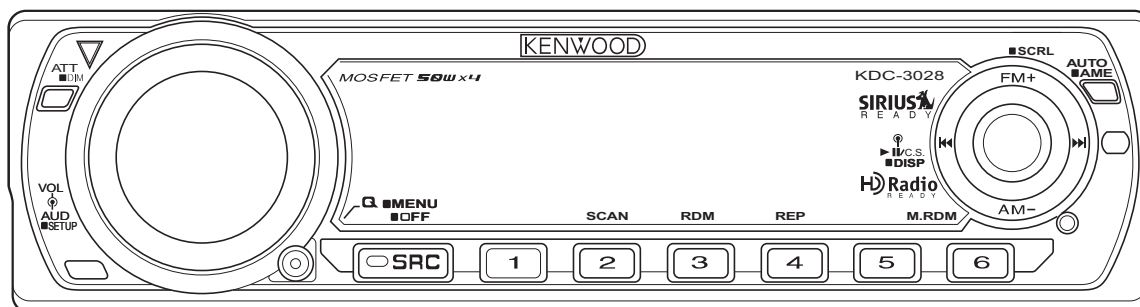
# KENWOOD

Kenwood Corporation

© 2005-4 PRINTED IN JAPAN  
B53-0272-00 (N) 1708

## SWITCH UNIT (X16) TYPE 2

Illustration is KDC-3028



This service manual handles only switch unit (X16) for type 2.  
Besides, please refer to the service manual of each model.  
Switch unit (X16) has been changed from the following serial number to type 2.  
Following system microcomputer (IC1: X34) also changes at the same time as changing switch unit (X16).

| MODEL      | SERIAL No. | SWITCH UNIT<br>(TYPE2 UNIT) | ELECTRIC UNIT | MCU IC (IC1:X34) | TDF NAME     | TDF PANEL No. |
|------------|------------|-----------------------------|---------------|------------------|--------------|---------------|
| KDC-328    | 50200001~  | X16-3320-11                 | X34-3390-11   | 784225GC280A     | TDF-53D/O    | Y33-2230-66   |
| KDC-3028   | 50100501~  | X16-3320-11                 | X34-3390-12   | 784225GC280A     | TDF-53DB/O   | Y33-2230-67   |
| KDC-MP4028 | 50200001~  | X16-3320-10                 | X34-3380-10   | 30624MGPA44GP    | TDF-MP54DB/O | Y33-2230-60   |
| KDC-MP428  | 50200001~  | X16-3320-10                 | X34-3380-11   | 30624MGPA44GP    | TDF-MP54D/O  | Y33-2230-62   |
| KDC-MP5029 | T0200001~  | X16-3320-22                 | X34-3390-21   | 784225GC279A     | TDF-MP5029/O | Y33-2230-63   |
| KDC-MP6029 | T0200001~  | X16-3320-21                 | X34-3380-21   | 30624MGPA44GP    | TDF-MP6029/O | Y33-2230-61   |
| KDC-W5031  | T0104001~  | X16-3322-71                 | X34-3392-71   | 784225GC279A     | TDF-W5031/O  | Y33-2230-64   |
| KDC-W5031Y | T0200001~  | X16-3322-71                 | X34-3392-71   | 784225GC279A     | TDF-W5031/O  | Y33-2230-64   |
| KDC-W531Y  | T0200001~  | X16-3322-72                 | X34-3392-72   | 784225GC279A     | TDF-W531Y/O  | Y33-2230-65   |

## PARTS LIST (KDC-3028/328/MP4028/MP428/MP5029/MP6029)

\* New parts

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.

| Ref. No.                         | Add | New | Parts No.     | Description              | Destination |
|----------------------------------|-----|-----|---------------|--------------------------|-------------|
| <b>SWITCH UNIT (X16-3320-xx)</b> |     |     |               |                          |             |
| D1-3                             |     |     | B30-1566-05   | LED (1608, RED)          | KK1M1       |
| D4-6                             |     |     | B30-1565-05   | LED (1608, PG)           | M1M2        |
| D7-9                             |     |     | B30-1566-05   | LED (1608, RED)          | KK1M1       |
| D10-12                           |     |     | B30-1565-05   | LED (1608, PG)           | M1M2        |
| D13-15                           |     |     | B30-1566-05   | LED (1608, RED)          | KK1M1       |
| D16-18                           |     |     | B30-1565-05   | LED (1608, PG)           | M1M2        |
| D19                              |     |     | B30-1566-05   | LED (1608, RED)          |             |
| D20-24                           |     |     | B30-1729-05   | LED (1608, BLUE)         |             |
| D25                              |     |     | B30-1566-05   | LED (1608, RED)          | KK1M1       |
| D26                              |     |     | B30-1565-05   | LED (1608, PG)           | M1M2        |
| C8                               |     |     | CK73FB1A225K  | CHIP C 2.2UF K           |             |
| C10                              |     |     | CK73GB1H103K  | CHIP C 0.010UF K         |             |
| C11                              |     |     | CC73GCH1H270J | CHIP C 27PF J            |             |
| C13-17                           |     |     | CK73GB1H103K  | CHIP C 0.010UF K         |             |
| C19,20                           |     |     | CK73GB1H103K  | CHIP C 0.010UF K         | K1M2        |
| C20                              |     |     | CK73GB1H104K  | CHIP C 0.10UF K          | KM1         |
| C21                              |     |     | CK73FB1C105K  | CHIP C 1.0UF K           | M1M2        |
| C22                              |     |     | CK73FB1C105K  | CHIP C 1.0UF K           | KK1M1       |
| C27                              |     |     | CC73GCH1H471J | CHIP C 470PF J           |             |
| C28                              |     |     | CK73GB1H102K  | CHIP C 1000PF K          |             |
| C29                              |     |     | CC73GCH1H471J | CHIP C 470PF J           |             |
| C30                              |     |     | CK73GB1A105K  | CHIP C 1.0UF K           |             |
| C31                              |     |     | CC73GCH1H471J | CHIP C 470PF J           |             |
| J1                               |     |     | E59-0840-05   | RECTANGULAR PLUG (15PIN) |             |
| CP10,11                          |     |     | RK74HB1J102J  | CHIP-COM 1.0K J 1/16W    |             |
| CP12                             |     |     | RK74GA1J101J  | CHIP-COM 100 J 1/16W     | KM1         |
| CP12,13                          |     |     | RK74GA1J102J  | CHIP-COM 1.0K J 1/16W    | K1M2        |
| CP901                            |     |     | RK74HB1J101J  | CHIP-COM 100 J 1/16W     |             |
| R1                               |     |     | RK73EB2E101J  | CHIP R 100 J 1/4W        | KM1         |
| R1                               |     |     | RK73EB2E472J  | CHIP R 4.7K J 1/4W       | K1M2        |
| R2                               |     |     | RK73EB2E102J  | CHIP R 1.0K J 1/4W       |             |
| R3-8                             |     |     | RK73EB2E101J  | CHIP R 100 J 1/4W        |             |
| R9                               |     |     | RK73EB2E101J  | CHIP R 100 J 1/4W        | KM1         |
| R9                               |     |     | RK73EB2E472J  | CHIP R 4.7K J 1/4W       | K1M2        |
| R10                              |     |     | RK73GB2A103J  | CHIP R 10K J 1/10W       |             |
| R11                              |     |     | RK73GB2A4R7J  | CHIP R 4.7 J 1/10W       |             |
| R13                              |     |     | RK73GB2A102J  | CHIP R 1.0K J 1/10W      |             |
| R14                              |     |     | RK73GB2A102J  | CHIP R 1.0K J 1/10W      | KM1         |
| R15                              |     |     | RK73GB2A102J  | CHIP R 1.0K J 1/10W      | K1M2        |
| R16                              |     |     | RK73GB2A102J  | CHIP R 1.0K J 1/10W      |             |
| R20                              |     |     | RK73GB2A101J  | CHIP R 100 J 1/10W       |             |
| R23                              |     |     | RK73GB2A473J  | CHIP R 47K J 1/10W       |             |
| R24                              |     |     | RK73GB2A222J  | CHIP R 2.2K J 1/10W      |             |
| R25,26                           |     |     | RK73GB2A473J  | CHIP R 47K J 1/10W       |             |
| R27                              |     |     | RK73GB2A222J  | CHIP R 2.2K J 1/10W      |             |
| R28,29                           |     |     | RK73GB2A473J  | CHIP R 47K J 1/10W       |             |
| R30                              |     |     | RK73GB2A222J  | CHIP R 2.2K J 1/10W      |             |
| R31                              |     |     | RK73GB2A473J  | CHIP R 47K J 1/10W       |             |
| R51-53                           |     |     | RK73FB2B471J  | CHIP R 470 J 1/8W        |             |
| R54                              |     |     | RK73EB2E681J  | CHIP R 680 J 1/4W        |             |
| R55,56                           |     |     | RK73FB2B301J  | CHIP R 300 J 1/8W        |             |
| R57                              |     |     | RK73EB2E681J  | CHIP R 680 J 1/4W        |             |

| Ref. No.                           | Add | New | Parts No.      | Description                | Destination |
|------------------------------------|-----|-----|----------------|----------------------------|-------------|
| R58                                |     |     | RK73GB2A473J   | CHIP R 47K J 1/10W         | M1M2        |
| R59                                |     |     | RK73GB2A223J   | CHIP R 22K J 1/10W         | M1M2        |
| R60                                |     |     | RK73GB2A222J   | CHIP R 2.2K J 1/10W        | M1M2        |
| R61                                |     |     | RK73GB2A473J   | CHIP R 47K J 1/10W         | M1M2        |
| R62                                |     |     | RK73GB2A223J   | CHIP R 22K J 1/10W         | KK1M1       |
| R63                                |     |     | RK73GB2A473J   | CHIP R 47K J 1/10W         | KK1M1       |
| R64                                |     |     | RK73GB2A222J   | CHIP R 2.2K J 1/10W        | KK1M1       |
| R65                                |     |     | RK73GB2A473J   | CHIP R 47K J 1/10W         | KK1M1       |
| R66                                |     |     | RK73GB2A223J   | CHIP R 22K J 1/10W         | M1M2        |
| R67                                |     |     | RK73GB2A223J   | CHIP R 22K J 1/10W         | KK1M1       |
| R73                                |     |     | RK73PB2H2R2J   | CHIP R 2.2 J 1/2W          | KM1         |
| R73                                |     |     | RK73PB2H330J   | CHIP R 33 J 1/2W           | K1M2        |
| R74,75                             |     |     | RK73PB2H220J   | CHIP R 22 J 1/2W           | K1M2        |
| R76                                |     |     | RK73GB2A473J   | CHIP R 47K J 1/10W         |             |
| R80                                |     |     | RK73GB2A222J   | CHIP R 2.2K J 1/10W        |             |
| R81                                |     |     | RK73GB2A223J   | CHIP R 22K J 1/10W         |             |
| R101                               |     |     | RK73GB2A473J   | CHIP R 47K J 1/10W         |             |
| R102,103                           |     |     | RK73EB2E101J   | CHIP R 100 J 1/4W          |             |
| W4                                 |     |     | R92-1252-05    | CHIP R 0 OHM J 1/16W       | K1M2        |
| W5                                 |     |     | R92-1252-05    | CHIP R 0 OHM J 1/16W       | KM1         |
| S2                                 |     |     | S70-0106-05    | TACT SWITCH                |             |
| S10                                |     |     | S70-0051-15    | TACT SWITCH                |             |
| S27                                |     |     | S70-0051-15    | TACT SWITCH                |             |
| S1                                 |     |     | T99-0457-15    | ROTARY ENCODER             |             |
| D101,102                           |     |     | AVRM1608180M6A | VARIATOR                   |             |
| D104,105                           |     |     | AVRM1608180M6A | VARIATOR                   |             |
| D107-109                           |     |     | AVRM1608180M6A | VARIATOR                   |             |
| D111-114                           |     |     | AVRM1608180M6A | VARIATOR                   |             |
| ED1                                |     |     | 3-BT-225NM     | FLUORESCENT INDICATOR TUBE |             |
| IC2                                |     |     | PNA4S22M       | ANALOGUE IC                |             |
| IC3                                |     | *   | ML9228GAZ-A    | MOS-IC                     |             |
| Q4                                 |     |     | RT1P141U       | TRANSISTOR                 |             |
| Q5                                 |     |     | 2SC4617        | TRANSISTOR                 | K1M2        |
| Q5                                 |     |     | 2SC5383(E,F)   | TRANSISTOR                 | KM1         |
| Q10                                |     |     | 2SC4617        | TRANSISTOR                 | M2          |
| Q10                                |     |     | 2SC5383(E,F)   | TRANSISTOR                 | M1          |
| Q11-14                             |     |     | 2SA1774        | TRANSISTOR                 | M2          |
| Q11-14                             |     |     | 2SA1989(Q,R,S) | TRANSISTOR                 | M1          |
| Q12-14                             |     |     | 2SA1774        | TRANSISTOR                 | K1          |
| Q12-14                             |     |     | 2SA1989(Q,R,S) | TRANSISTOR                 | K           |
| Q15                                |     |     | 2SC4617        | TRANSISTOR                 | K1          |
| Q15                                |     |     | 2SC5383(E,F)   | TRANSISTOR                 | KM1         |
| Q16                                |     |     | 2SA1774        | TRANSISTOR                 | K1          |
| Q16                                |     |     | 2SA1989(Q,R,S) | TRANSISTOR                 | KM1         |
| <b>ELECTRIC UNIT (X34-3380-xx)</b> |     |     |                |                            |             |
| IC1                                |     | *   | 30624MGPA44GP  | MCU IC                     | #           |
| <b>ELECTRIC UNIT (X34-3390-xx)</b> |     |     |                |                            |             |
| IC1                                |     | *   | 784225GC280A   | MCU IC                     | #           |

K : KDC-MP4028/MP428 K1 : KDC-3028/328 M1 : KDC-MP6029  
M2 : KDC-MP5029 # : Refer to cover page

△ Indicates safety critical components.