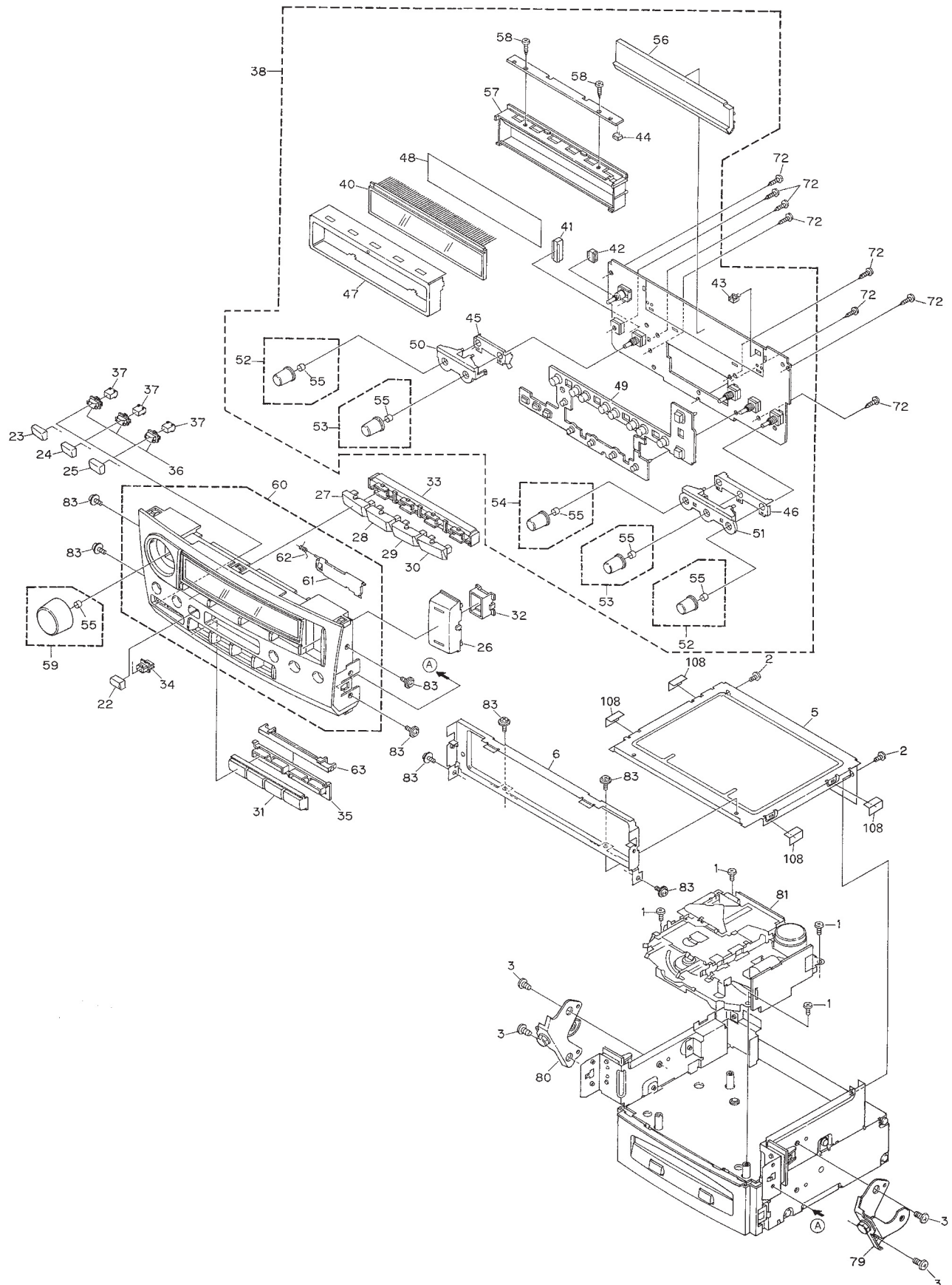
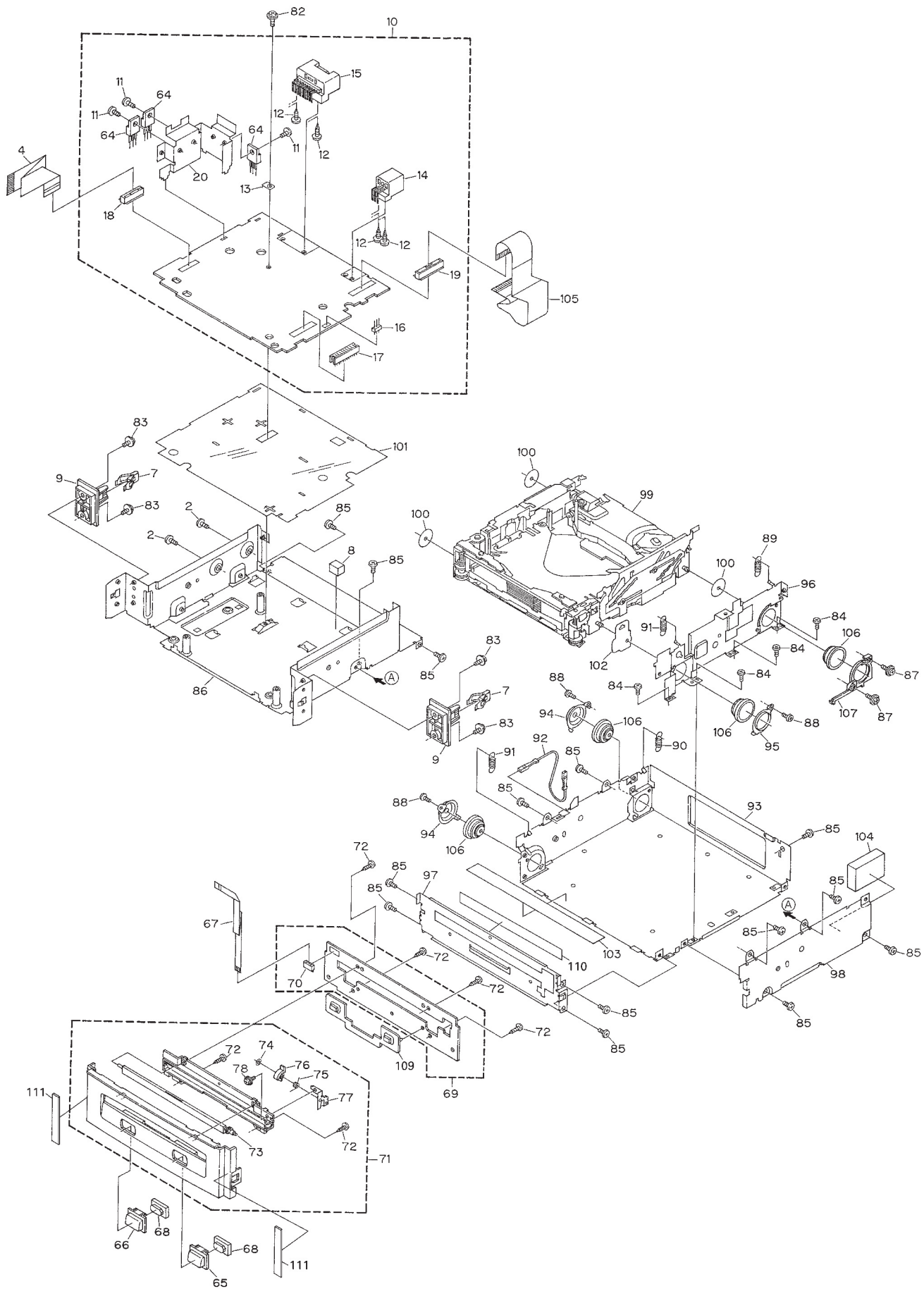


## 2. EXPLODED VIEWS AND PARTS LIST

### 2.1 EXTERIOR (FX-MG9006ZT/UC, FX-MG9506ZT/UC)





**NOTE:**

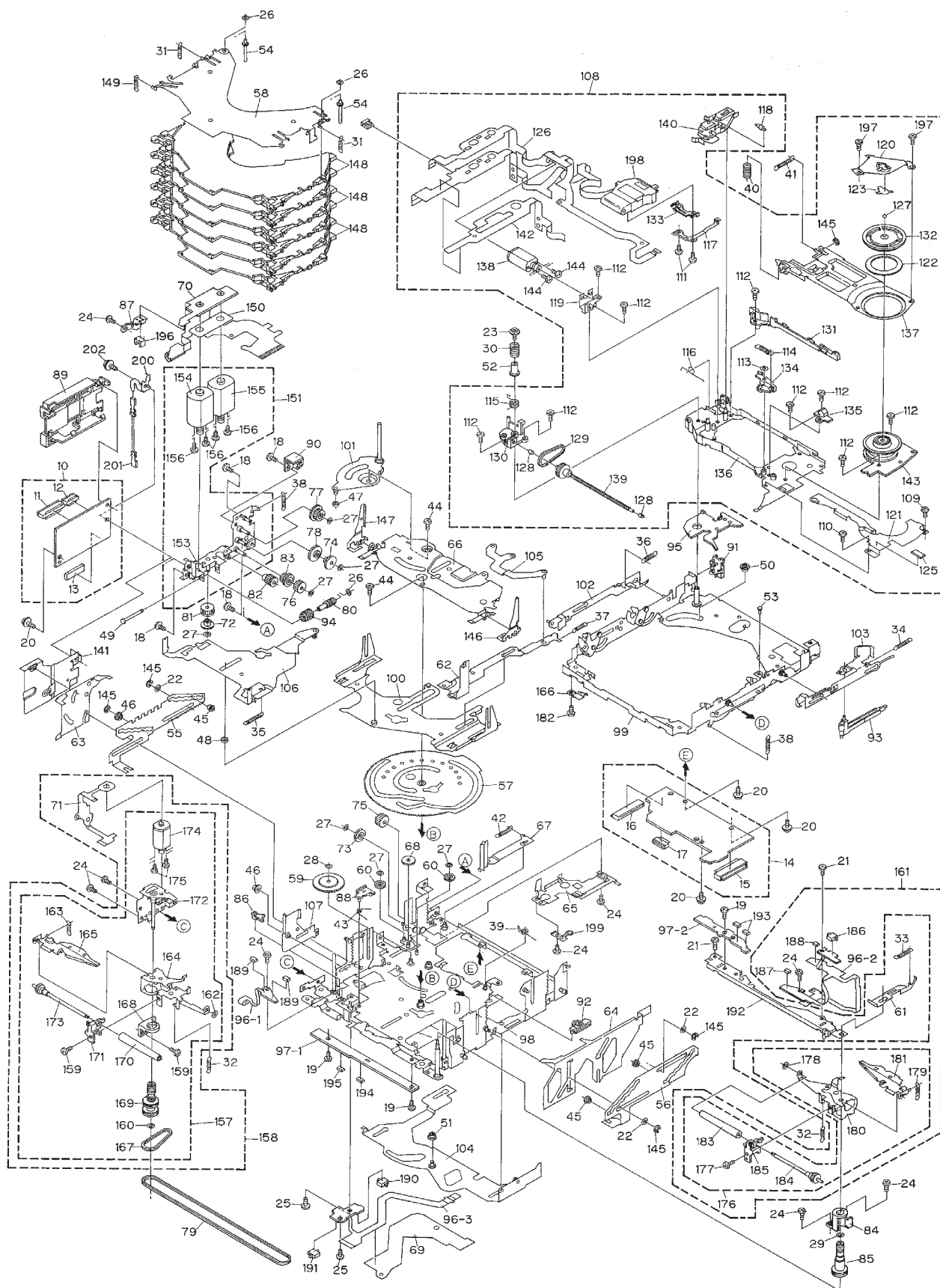
- Parts marked by “\*” are generally unavailable because they are not in our Master Spare Parts List.
- Screws adjacent to ∇ mark on the product are used for disassembly.

**● EXTERIOR SECTION PARTS LIST (FX-MG9006ZT/UC, FX-MG9506ZT/UC)**

| Mark No. | Description             | Part No.     | Mark No. | Description                 | Part No.     |
|----------|-------------------------|--------------|----------|-----------------------------|--------------|
| 1        | Screw                   | BMZ26P040FMC | 46       | Holder                      | CNC8778      |
| 2        | Screw                   | BMZ26P050FMC | 47       | Holder                      | CNC8798      |
| 3        | Screw(#1)               | BMZ50P080FMC | 48       | Plate                       | CNM6841      |
| 4        | Connector               | CDE6172      | 49       | Rubber                      | CNV5678      |
| 5        | Case                    | CNB2533      | 50       | Lighting Conductor Unit     | CXB7028      |
| 6        | Holder                  | CNC8462      | 51       | Lighting Conductor Unit     | CXB7030      |
| 7        | 90468-04191             | CNC9048      | 52       | Knob Unit                   | CXB6905      |
| 8        | Cushion                 | CNM6917      | 53       | Knob Unit                   | CXB6906      |
| 9        | Guide                   | CNV6044      | 54       | Knob Unit                   | CXB6907      |
| 10       | Main Unit               | CWM6852      | 55       | Spring                      | CBL-108      |
| 11       | Screw                   | BMZ30P060FMC | 56       | Lighting Conductor Unit     | CXB6820      |
| 12       | Screw(M3x6)             | CBA1393      | 57       | Holder                      | CNV5892      |
| 13       | Terminal(CN806)         | CKF1059      | 58       | Screw                       | BPZ20P050FMC |
| 14       | Connector(CN802)        | CKM1315      | 59       | Knob Unit                   | CXB4348      |
| 15       | Connector(CN801)        | CKM1322      | 60       | Grille Unit(FX-MG9006ZT/UC) | CXB6903      |
| 16       | Plug(CN303)             | CKS-291      |          | Grille Unit(FX-MG9506ZT/UC) | CXB6910      |
| 17       | Connector(CN301)        | CKS3568      | 61       | Door(FX-MG9006ZT/UC)        | CAT2157      |
| 18       | Connector(CN804)        | CKS3751      |          | Door(FX-MG9506ZT/UC)        | CAT2171      |
| 19       | Connector(CN701)        | CKS3930      | 62       | Spring                      | CBH1371      |
| 20       | Holder                  | CNC8163      | 63       | Lighting Conductor Unit     | CXB5991      |
| 21       | .....                   |              | 64       | Transistor(Q809,811,812)    | 2SB1185      |
| 22       | Button(EJECT)           | CAC6219      | 65       | Button(LOAD)                | CAC5968      |
| 23       | Button(RDS)             | CAC6375      | 66       | Button(EJECT)               | CAC5969      |
| 24       | Button(TRAF)            | CAC6376      | 67       | Connector                   | CDE6292      |
| 25       | Button(TYPE)            | CAC6377      | 68       | Lighting Conductor          | CNV6638      |
| 26       | Button(TUNE,SEEK,TRACK) | CAC6378      | 69       | SW Unit                     | CWM6872      |
| 27       | Button(1,2)             | CAC6379      | 70       | Connector(CN905)            | CKS4354      |
| 28       | Button(3,4)             | CAC6380      | 71       | Grille Unit                 | CXB6927      |
| 29       | Button(5,6)             | CAC6381      | 72       | Screw                       | BPZ20P080FMC |
| 30       | Button(SCAN,MSG)        | CAC6382      | 73       | Door                        | CAT2151      |
| 31       | Button(AM,FM,TAPE,DISC) | CAC6383      | 74       | Washer                      | CBF1037      |
| 32       | Holder                  | CNV5888      | 75       | Spring                      | CBH2339      |
| 33       | Holder                  | CNV5889      | 76       | Gear                        | CNV6116      |
| 34       | Holder                  | CNV5890      | 77       | Bracket Unit                | CXB5254      |
| 35       | Holder Unit             | CXB6908      | 78       | Screw                       | IMS20P030FMC |
| 36       | Holder                  | CNV5896      | 79       | 86208-50010(#1)             | CXB6031      |
| 37       | Lighting Conductor      | CNV6182      | 80       | 86207-50010(#1)             | CXB6032      |
| 38       | Keyboard Unit           | CWM6865      | 81       | Cassette Mechanism Module   | EXK3885      |
| 39       | .....                   |              | 82       | Screw                       | ISS26P050FMC |
| 40       | LCD                     | CAW1591      | 83       | Screw                       | ISS26P060FMC |
| 41       | Connector(CN902)        | CKS3751      | 84       | Screw                       | BMZ20P020FMC |
| 42       | Connector(CN903)        | CKS4354      | 85       | Screw                       | BMZ26P030FMC |
| 43       | Connector(CN906)        | CKS4393      | 86       | Chassis Unit                | CXB3549      |
| 44       | Connector(CN907)        | CKS4394      | 87       | Screw                       | IMS20P040FMC |
| 45       | Holder                  | CNC8777      | 88       | Screw(M2x2)                 | CBA1250      |

| Mark | No. | Description             | Part No. |
|------|-----|-------------------------|----------|
|      | 89  | Spring                  | CBH2361  |
|      | 90  | Spring                  | CBH2365  |
|      | 91  | Spring Uint             | CXB6850  |
|      | 92  | Connector               | CDE6302  |
|      | 93  | Chassis                 | CNA2131  |
|      | 94  | Holder                  | CNC7477  |
|      | 95  | Holder                  | CNC7826  |
|      | 96  | Holder                  | CNC8160  |
|      | 97  | Holder                  | CNC8161  |
|      | 98  | Holder                  | CNC8162  |
|      | 99  | Mechanism Assy(Service) | CXX1430  |
|      | 100 | Sheet                   | CNM5981  |
|      | 101 | Insulator               | CNM7141  |
|      | 102 | Sheet                   | CNM6318  |
|      | 103 | Insulator               | CNM6410  |
|      | 104 | Cushion                 | CNM6927  |
|      | 105 | PCB                     | CNP5399  |
|      | 106 | Damper                  | CNV5120  |
|      | 107 | Holder                  | CNV5543  |
| *    | 108 | Seal                    | CNM5714  |
|      | 109 | Rubber                  | CNV6596  |
|      | 110 | Spacer                  | CNM7140  |
|      | 111 | Spacer                  | CNM7179  |

## 2.4 CD MECHANISM

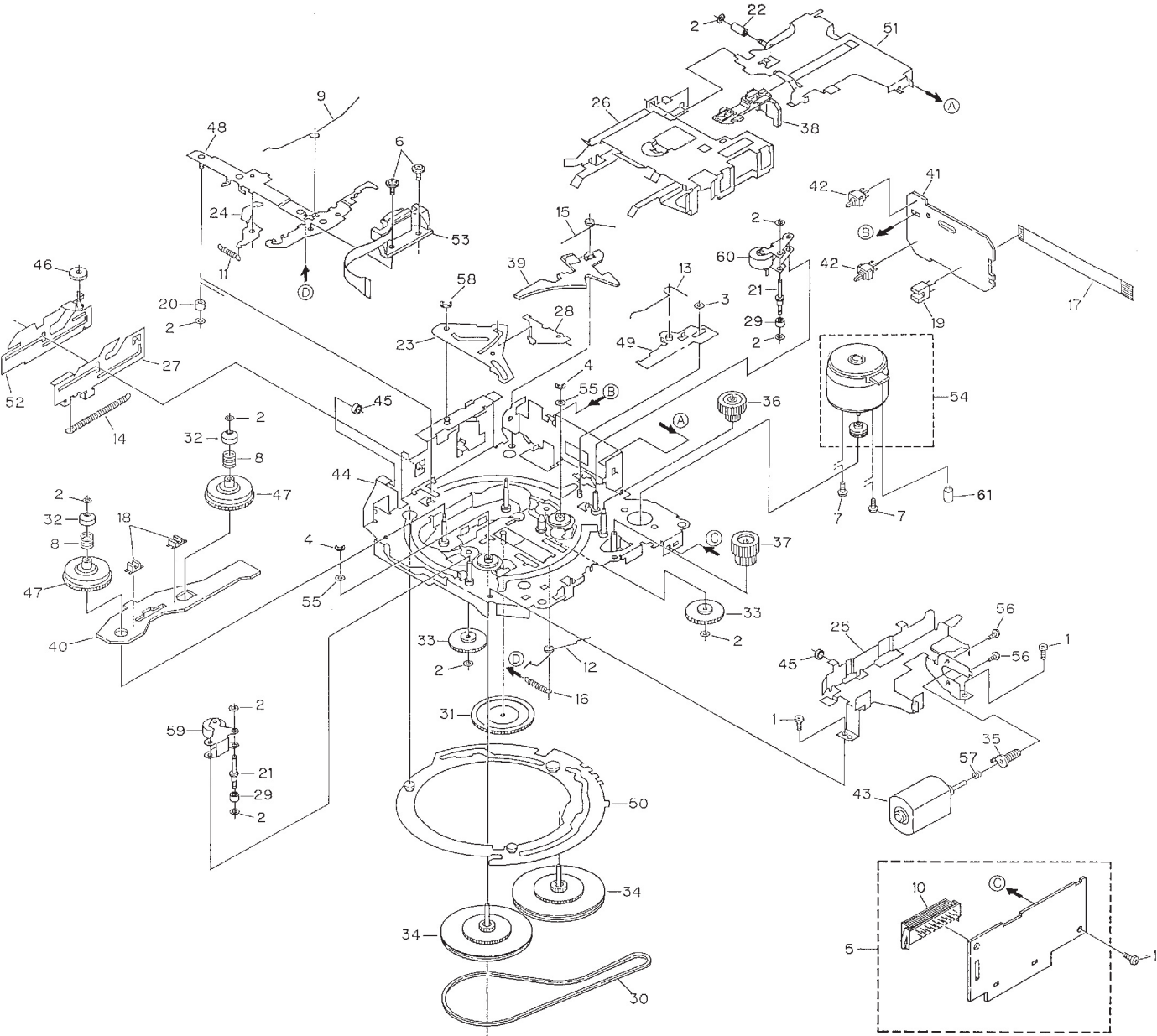


# ● CD MECHANISM SECTION PARTS LIST

| Mark No. | Description              | Part No. | Mark No. | Description                 | Part No. |
|----------|--------------------------|----------|----------|-----------------------------|----------|
| 1-9      | ●●●●●                    |          | 59       | Gear                        | CNC7236  |
| 10       | CD Core Unit(Servo Unit) | CWX2421  | 60       | Gear                        | CNC8883  |
| 11       | Connector(CN101)         | CKS2764  | 61       | Lever                       | CNC7243  |
| 12       | Connector(CN301)         | CKS3966  | 62       | Lever                       | CNC7244  |
| 13       | Connector(CN201)         | CKS3991  | 63       | Lever                       | CNC7245  |
| 14       | CD Core Unit(STS Unit)   | CWX2422  | 64       | Lever                       | CXB4944  |
| 15       | Connector(CN701)         | CKS3989  | 65       | Cover                       | CNC7441  |
| 16       | Connector(CN801)         | CKS3989  | 66       | Holder Unit                 | CXB4946  |
| 17       | Connector(CN802)         | CKS4054  | 67       | Lever                       | CNC9088  |
| 18       | Screw                    | CBA1037  | 68       | Gear                        | CNC8140  |
| 19       | Screw                    | CBA1041  | 69       | Sheet                       | CNM6840  |
| 20       | Screw                    | CBA1076  | 70       | PCB                         | CNP5764  |
| 21       | Screw                    | CBA1250  | 71       | PCB                         | CNP6010  |
| 22       | Washer                   | CBA1512  | 72       | Gear                        | CNR1479  |
| 23       | Screw                    | CBA1452  | 73       | Gear                        | CNR1481  |
| 24       | Screw                    | CBA1453  | 74       | Gear                        | CNR1495  |
| 25       | Screw                    | CBA1479  | 75       | Gear                        | CNR1501  |
| 26       | Washer                   | CBF1037  | 76       | Gear                        | CNR1502  |
| 27       | Washer                   | CBF1038  | 77       | Gear                        | CNR1540  |
| 28       | Washer                   | CBF1039  | 78       | Gear                        | CNR1541  |
| 29       | Washer                   | CBF1064  | 79       | Belt                        | CNT1080  |
| 30       | Spring                   | CBH2007  | 80       | Worm Gear                   | CNV5046  |
| 31       | Spring                   | CBH2271  | 81       | Gear                        | CNV5047  |
| 32       | Spring                   | CBH2274  | 82       | Gear                        | CNV5048  |
| 33       | Spring                   | CBH2014  | 83       | Gear                        | CNV5049  |
| 34       | Spring                   | CBH2015  | 84       | Holder                      | CNV5056  |
| 35       | Spring                   | CBH2016  | 85       | Pulley                      | CNV5058  |
| 36       | Spring                   | CBH2017  | 86       | Arm                         | CNV5061  |
| 37       | Spring                   | CBH2290  | 87       | Spacer                      | CNV5066  |
| 38       | Spring                   | CBH2366  | 88       | Arm                         | CNV5189  |
| 39       | Spring                   | CBH2064  | 89       | Cover                       | CNV5207  |
| 40       | Spring                   | CBH2195  | 90       | Cover                       | CNV5424  |
| 41       | Spring                   | CBH2196  | 91       | Cover                       | CNV5425  |
| 42       | Spring                   | CBH2224  | 92       | Lever                       | CNV5427  |
| 43       | Spring                   | CBH2250  | 93       | Arm                         | CNV5491  |
| 44       | Screw                    | CBA1082  | 94       | Gear                        | CNV5519  |
| 45       | Roller                   | CLA3154  | 95       | Holder                      | CNV5648  |
| 46       | Roller                   | CLA3157  | 96       | Composite PCB               | CNX3327  |
| 47       | Roller                   | CLA3159  | 97       | Composite PCB               | CNX2989  |
| 48       | Roller                   | CLA3160  | 98       | Chassis Unit                | CXB5940  |
| 49       | Shaft                    | CLA3179  | 99       | Frame Unit                  | CXB5806  |
| 50       | Spacer                   | CLA3194  | 100      | Lever Unit                  | CXB6026  |
| 51       | Roller                   | CLA3248  | 101      | Arm Unit                    | CXB2704  |
| 52       | Bush                     | CLA3353  | 102      | Lever Unit                  | CXB2708  |
| * 53     | Shaft                    | CLA3469  | 103      | Lever Unit                  | CXB2709  |
| 54       | Shaft                    | CLA3693  | 104      | Lever Unit                  | CXB4949  |
| 55       | Steer                    | CNC7215  | 105      | Arm Unit                    | CXB2712  |
| 56       | Steer                    | CNC7216  | 106      | Lever Unit                  | CXB4948  |
| 57       | Cam                      | CNC8774  | 107      | Lever Unit                  | CXB2714  |
| * 58     | Holder                   | CNC7235  | 108      | Carriage Mechanism Unit(G1) | CXB4941  |

| Mark | No. | Description                 | Part No.     | Mark | No. | Description                 | Part No.     |
|------|-----|-----------------------------|--------------|------|-----|-----------------------------|--------------|
|      | 109 | Screw                       | CBA1041      |      | 159 | Screw                       | CBA1453      |
|      | 110 | Screw                       | CBA1250      |      | 160 | Washer                      | CBF1038      |
|      | 111 | Screw                       | CBA1362      |      | 161 | Loading Arm R Assy(Service) | CXX1457      |
|      | 112 | Screw                       | CBA1471      |      | 162 | Washer                      | CBF1074      |
|      | 113 | Washer                      | CBF1038      |      | 163 | Spring                      | CBH2136      |
|      | 114 | Spring                      | CBH2008      | *    | 164 | Arm                         | CNC7241      |
|      | 115 | Spring                      | CBH2009      | *    | 165 | Arm                         | CXB4449      |
|      | 116 | Spring                      | CBH2010      |      | 166 | Holder                      | CBL1508      |
|      | 117 | Spring                      | CBL1335      |      | 167 | Belt                        | CNT1079      |
|      | 118 | Roller                      | CLA3913      |      | 168 | Holder                      | CNV5055      |
| *    | 119 | Bracket                     | CNC7228      |      | 169 | Pulley                      | CNV5057      |
|      | 120 | Guide Unit                  | CXB4417      |      | 170 | Roller                      | CNV6209      |
|      | 121 | Cover                       | CNC7628      |      | 171 | Guide                       | CNV5125      |
|      | 122 | Sheet                       | CNM6414      | *    | 172 | Bracket Unit                | CXB5937      |
|      | 123 | Sheet                       | CNM5378      |      | 173 | Roller Gear Unit            | CXB3176      |
|      | 124 | •••••                       |              | *    | 174 | Motor Unit(M2 LOAD)         | CXB3177      |
|      | 125 | Sheet                       | CNM5827      |      | 175 | Screw                       | JFZ14P020FMC |
|      | 126 | PCB                         | CNP4978      |      | 176 | Loading Arm R Assy          | CXB5839      |
|      | 127 | Ball                        | CNR1189      |      | 177 | Screw                       | CBA1453      |
|      | 128 | Bearing                     | CNR1423      |      | 178 | Washer                      | CBF1074      |
|      | 129 | Belt                        | CNT1079      |      | 179 | Spring                      | CBH2136      |
|      | 130 | Holder                      | CNV5037      | *    | 180 | Arm                         | CNC7242      |
|      | 131 | Guide                       | CNV5040      | *    | 181 | Arm                         | CXB5822      |
|      | 132 | Clamper                     | CNV5042      |      | 182 | Screw                       | JFZ20P014FMC |
|      | 133 | Rack                        | CNV5111      |      | 183 | Roller                      | CNV6209      |
|      | 134 | Arm                         | CNV5579      |      | 184 | Roller Gear Unit            | CXB3176      |
|      | 135 | Holder                      | CNV5759      |      | 185 | Guide                       | CNV5126      |
| *    | 136 | Chassis                     | CXB6025      |      | 186 | Switch(S885 MAX DETECT)     | CSN1052      |
|      | 137 | Arm Unit                    | CXB2705      |      | 187 | LED(D883)                   | CL202IRXTU   |
|      | 138 | Motor Unit(M4 CARRIAGE)     | CXB3178      |      | 188 | Photo-transistor(Q881)      | CPT230SCTD   |
|      | 139 | Screw Unit                  | CXB3179      |      | 189 | LED(D891,892)               | CL202IRXTU   |
|      | 140 | Lever Unit                  | CXB4450      |      | 190 | Switch(S887 CLAMP)          | CSN1051      |
|      | 141 | Bracket                     | CNC8584      |      | 191 | Switch(S886 ELV HOME)       | CSN1052      |
|      | 142 | Spacer                      | CNM6345      |      | 192 | Bracket Unit                | CXB6086      |
|      | 143 | Motor(M5 SPINDLE)           | CXM1120      |      | 193 | Photo-transistor(Q851,852)  | CPT230SCTD   |
|      | 144 | Screw                       | JFZ14P020FZK |      | 194 | Resistor(R856)              | RS1/8S911J   |
|      | 145 | Washer                      | YE15FUC      |      | 195 | Resistor(R857)              | RS1/8S821J   |
|      | 146 | Arm Unit                    | CXB6052      |      | 196 | Photo-interrupter(Q1)       | RPI-221      |
|      | 147 | Arm Unit                    | CXB6053      |      | 197 | Screw                       | CBA1387      |
|      | 148 | Tray Assy                   | CXB4307      |      | 198 | Pickup Unit(Service)(P8)    | CXX1313      |
|      | 149 | Spring                      | CBH2269      |      | 199 | Spring                      | CBL1467      |
|      | 150 | Sheet                       | CNM7109      |      | 200 | Bracket                     | CNC8902      |
|      | 151 | Cam Motor Assy              | CXB6928      |      | 201 | Connector                   | CDE6302      |
|      | 152 | •••••                       |              |      | 202 | Screw                       | CBA1015      |
| *    | 153 | Bracket Unit                | CXB5201      |      |     |                             |              |
| *    | 154 | Motor Unit(M1 Cam Gear)     | CXB6929      |      |     |                             |              |
| *    | 155 | Motor Unit(M3 ELV)          | CXB3175      |      |     |                             |              |
|      | 156 | Screw                       | JFZ20P025FMC |      |     |                             |              |
|      | 157 | Loading Arm L Assy          | CXB3171      |      |     |                             |              |
|      | 158 | Loading Arm L Assy(Service) | CXX1415      |      |     |                             |              |

2.5 CASSETTE MECHANISM MODULE



# ● CASSETTE MECHANISM MODULE SECTION PARTS LIST

| Mark No. | Description               | Part No.     | Mark No. | Description          | Part No.     |
|----------|---------------------------|--------------|----------|----------------------|--------------|
| 1        | Screw                     | BSZ20P040FMC | 31       | Gear                 | ENV1347      |
| 2        | Washer                    | CBF1037      | 32       | Collar               | ENV1508      |
| 3        | Washer                    | CBF1038      | 33       | Gear                 | ENV1350      |
| 4        | Washer                    | CBG1003      | 34       | Flywheel             | ENV1500      |
| 5        | Deck Unit                 | EWM1027      | 35       | Worm Gear            | ENV1439      |
| 6        | Screw(M2x5)               | EBA1028      | 36       | Worm Wheel           | ENV1440      |
| 7        | Screw(M2x2.5)             | EBA1037      | 37       | Gear                 | ENR1037      |
| 8        | Spring                    | EBH1531      | 38       | Lever                | ENV1533      |
| 9        | Spring                    | EBH1589      | 39       | Arm                  | ENV1525      |
| 10       | Connector(CN251)          | CKS3540      | 40       | Gathering PCB        | ENX1037      |
| 11       | Spring                    | EBH1515      | 41       | Gathering PCB        | ENX1060      |
| 12       | Spring                    | EBH1587      | 42       | Switch(S1)(S2)       | ESG1004      |
| 13       | Spring                    | EBH1517      | 43       | Motor Unit(M2)(SUB)  | EXA1382      |
| 14       | Spring                    | EBH1518      | 44       | Chassis Unit         | EXA1559      |
| 15       | Spring                    | EBH1519      | 45       | Tube                 | ENM1039      |
| 16       | Spring                    | EBH1537      | 46       | Roller               | ENR1027      |
| 17       | Cord                      | EDD1027      | 47       | Reel Unit            | EXA1560      |
| 18       | Photo-interrupter(EGN2,3) | EGN1006      | 48       | Head Base Unit       | EXA1434      |
| 19       | Photo-interrupter(EGN1)   | EGN1005      | 49       | Lever Unit           | EXA1578      |
| 20       | Roller                    | ENR1031      | 50       | Gear Unit            | EXA1545      |
| 21       | Shaft                     | ELA1362      | 51       | Frame Unit           | EXA1476      |
| 22       | Roller                    | ELA1348      | 52       | Lever Unit           | EXA1439      |
| 23       | Arm                       | ENC1490      | 53       | Head Assy(HD1)       | EXA1594      |
| 24       | Arm                       | ENC1397      | 54       | Motor Unit(M1)(MAIN) | EXA1499      |
| 25       | Guide                     | ENC1519      | 55       | Washer               | HBF-179      |
| 26       | Holder                    | ENC1516      | 56       | Screw                | JGZ20P025FNI |
| 27       | Lever                     | ENC1448      | 57       | Spring               | EBH1545      |
| 28       | Arm                       | ENC1488      | 58       | Washer               | YE20FUC      |
| 29       | Roller                    | ENR1023      | 59       | Pinch Roller Unit    | EXA1533      |
| 30       | Belt                      | ENT1027      | 60       | Pinch Roller Unit    | EXA1532      |
|          |                           |              | 61       | Capacitor(C1)        | CEAL4R7M35   |

## 5. ELECTRICAL PARTS LIST

### NOTE:

- Parts whose parts numbers are omitted are subject to being not supplied.
- The part numbers shown below indicate chip components.

Chip Resistor

RS1/○S○○○○J,RS1/○○S○○○○J

Chip Capacitor (except for CQS.....)

CKS....., CCS....., CSZS.....

| ====Circuit Symbol & No.====Part Name                                                                                                                             | Part No.     | ====Circuit Symbol & No.====Part Name | Part No.     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------------------|--------------|
| <b>A</b> Unit Number : CWM6852<br>(FX-MG9006ZT/UC)<br>(FX-MG9506ZT/UC)<br>: CWM6853<br>(FX-MG9006ZT/EW)<br>: CWM6857<br>(FX-MG9006ZT/ES)<br>Unit Name : Main Unit |              | Q 828 Transistor                      | DTA114EK     |
|                                                                                                                                                                   |              | Q 829 FET                             | 2SJ517       |
|                                                                                                                                                                   |              | Q 830 Transistor                      | DTC123YK     |
|                                                                                                                                                                   |              | Q 831 Chip Transistor                 | 2SC2712      |
|                                                                                                                                                                   |              | Q 833 Transistor                      | DTC114EK     |
|                                                                                                                                                                   |              | Q 852 Transistor                      | IMX1         |
|                                                                                                                                                                   |              | Q 854 Transistor                      | IMX1         |
|                                                                                                                                                                   |              | Q 856 Transistor                      | IMD3A        |
|                                                                                                                                                                   |              | D 301 Diode                           | UDZ20(B)     |
|                                                                                                                                                                   |              | D 302 Diode                           | UDZ20(B)     |
|                                                                                                                                                                   |              | D 303 Diode                           | UDZ20(B)     |
|                                                                                                                                                                   |              | D 304 Diode                           | UDZ20(B)     |
|                                                                                                                                                                   |              | D 305 Diode                           | HZU4LL(C)    |
|                                                                                                                                                                   |              | D 601 Diode (UC, EW model)            | 1SS355       |
|                                                                                                                                                                   |              | D 602 Diode (UC model)                | 1SS355       |
|                                                                                                                                                                   |              | D 603 Diode (EW, ES model)            | 1SS355       |
|                                                                                                                                                                   |              | D 604 Diode (ES model)                | 1SS355       |
|                                                                                                                                                                   |              | D 605 Diode                           | 1SS355       |
|                                                                                                                                                                   |              | D 606 Diode                           | 1SS355       |
|                                                                                                                                                                   |              | D 607 Diode                           | 1SS355       |
|                                                                                                                                                                   |              | D 608 Diode                           | 1SS355       |
|                                                                                                                                                                   |              | D 609 Diode                           | 1SS355       |
|                                                                                                                                                                   |              | D 610 Diode                           | 1SS355       |
|                                                                                                                                                                   |              | D 611 Diode                           | UDZ18(B)     |
|                                                                                                                                                                   |              | D 612 Diode                           | UDZ18(B)     |
|                                                                                                                                                                   |              | D 701 Diode                           | 1SS355       |
|                                                                                                                                                                   |              | D 801 Diode                           | 1SS355       |
|                                                                                                                                                                   |              | D 802 Diode                           | UDZS5R6(B)   |
|                                                                                                                                                                   |              | D 803 Diode                           | ERC05-10BE3  |
|                                                                                                                                                                   |              | D 804 Diode                           | 1SS355       |
|                                                                                                                                                                   |              | D 805 Diode                           | UDZ20(B)     |
|                                                                                                                                                                   |              | D 806 Diode                           | ERA15-02VH   |
|                                                                                                                                                                   |              | D 807 Diode                           | UDZS5R6(B)   |
|                                                                                                                                                                   |              | D 808 Diode                           | HZU8R2(B1)   |
|                                                                                                                                                                   |              | D 809 Diode                           | HZU8R2(B1)   |
|                                                                                                                                                                   |              | D 810 Diode                           | HZU8R2(B1)   |
|                                                                                                                                                                   |              | D 811 Diode                           | 1SS355       |
|                                                                                                                                                                   |              | D 812 Diode                           | HZU8R2(B1)   |
|                                                                                                                                                                   |              | D 813 Diode                           | 1SS355       |
|                                                                                                                                                                   |              | D 814 Diode                           | HZU8R2(B3)   |
|                                                                                                                                                                   |              | D 819 Diode                           | ERA15-02VH   |
|                                                                                                                                                                   |              | D 821 Diode                           | HZU8R2(B3)   |
|                                                                                                                                                                   |              | L 601 Inductor                        | LCTB4R7K3216 |
|                                                                                                                                                                   |              | L 701 Inductor                        | LCTB4R7K3216 |
|                                                                                                                                                                   |              | L 801 Choke Coil 0.8mH                | CTH1239      |
|                                                                                                                                                                   |              | L 802 Inductor                        | LCTB4R7K3216 |
|                                                                                                                                                                   |              | TH 701 Thermistor                     | CCX1037      |
|                                                                                                                                                                   |              | X 601 Radiator 10.00MHz               | CSS1428      |
|                                                                                                                                                                   |              | X 701 Radiator 6.290MHz               | CSS1451      |
|                                                                                                                                                                   |              | FU 801 Fuse 5A (EW)                   | CEK1195      |
| IC 301 IC                                                                                                                                                         | NJM2068MD    |                                       |              |
| IC 302 IC                                                                                                                                                         | NJM2068MD    |                                       |              |
| IC 303 IC                                                                                                                                                         | NJM2068MD    |                                       |              |
| IC 305 IC                                                                                                                                                         | TC74HC4066AF |                                       |              |
| IC 601 IC                                                                                                                                                         | PD5556B      |                                       |              |
| IC 602 IC                                                                                                                                                         | HA12187FP    |                                       |              |
| IC 603 IC                                                                                                                                                         | S-80730ANDT  |                                       |              |
| IC 701 IC                                                                                                                                                         | PD5575B      |                                       |              |
| Q 301 Transistor                                                                                                                                                  | DTC343TK     |                                       |              |
| Q 302 Transistor                                                                                                                                                  | DTC343TK     |                                       |              |
| Q 303 Transistor                                                                                                                                                  | DTC343TK     |                                       |              |
| Q 304 Transistor                                                                                                                                                  | DTC343TK     |                                       |              |
| Q 305 Transistor                                                                                                                                                  | DTC343TK     |                                       |              |
| Q 306 Transistor                                                                                                                                                  | DTC343TK     |                                       |              |
| Q 307 Transistor                                                                                                                                                  | DTC343TK     |                                       |              |
| Q 308 Transistor                                                                                                                                                  | DTC343TK     |                                       |              |
| Q 309 Transistor                                                                                                                                                  | DTA114EK     |                                       |              |
| Q 601 Transistor                                                                                                                                                  | 2SA1162      |                                       |              |
| Q 602 Transistor                                                                                                                                                  | DTA114EK     |                                       |              |
| Q 603 Transistor                                                                                                                                                  | DTA114EK     |                                       |              |
| Q 701 Transistor                                                                                                                                                  | DTA144EK     |                                       |              |
| Q 702 Transistor                                                                                                                                                  | DTA114EK     |                                       |              |
| Q 801 Transistor                                                                                                                                                  | DTC114EK     |                                       |              |
| Q 804 Transistor                                                                                                                                                  | 2SD1664      |                                       |              |
| Q 805 Chip Transistor                                                                                                                                             | 2SC2712      |                                       |              |
| Q 806 Chip Transistor                                                                                                                                             | 2SC2712      |                                       |              |
| Q 807 Chip Transistor                                                                                                                                             | 2SC2712      |                                       |              |
| Q 808 Transistor                                                                                                                                                  | 2SB1132      |                                       |              |
| Q 809 Transistor                                                                                                                                                  | 2SB1185      |                                       |              |
| Q 811 Transistor                                                                                                                                                  | 2SB1185      |                                       |              |
| Q 812 Transistor                                                                                                                                                  | 2SB1185      |                                       |              |
| Q 813 Transistor                                                                                                                                                  | 2SA1162      |                                       |              |
| Q 814 Transistor                                                                                                                                                  | 2SA1162      |                                       |              |
| Q 816 Transistor                                                                                                                                                  | 2SD2226K     |                                       |              |
| Q 817 Chip Transistor                                                                                                                                             | 2SC2712      |                                       |              |
| Q 818 Transistor                                                                                                                                                  | 2SB1132      |                                       |              |
| Q 819 Transistor                                                                                                                                                  | 2SA1162      |                                       |              |
| Q 820 Chip Transistor                                                                                                                                             | 2SC2712      |                                       |              |
| Q 821 Chip Transistor                                                                                                                                             | 2SC2712      |                                       |              |
| Q 822 Transistor                                                                                                                                                  | 2SB1132      |                                       |              |
| Q 823 Transistor                                                                                                                                                  | DTC123YK     |                                       |              |
| Q 824 Transistor                                                                                                                                                  | DTA114EK     |                                       |              |
| Q 825 Transistor                                                                                                                                                  | 2SA1162      |                                       |              |
| Q 826 FET                                                                                                                                                         | 2SJ517       |                                       |              |
| Q 827 Transistor                                                                                                                                                  | DTC123YK     |                                       |              |

| ====Circuit Symbol & No.===Part Name | Part No.    | ====Circuit Symbol & No.===Part Name | Part No.    |
|--------------------------------------|-------------|--------------------------------------|-------------|
| RESISTORS                            |             | R 627 1kΩ                            | CCN1120     |
|                                      |             | R 628 47kΩ                           | CCN1131     |
| R 301                                | RS1/10S122J | R 629                                | RS1/10S102J |
| R 302                                | RS1/10S122J | R 630                                | RA2CQ102J   |
| R 303                                | RS1/10S473J | R 631                                | RA3C102J    |
| R 304                                | RS1/10S473J |                                      |             |
| R 307                                | RS1/10S123J | R 632 1kΩ                            | CCN1120     |
|                                      |             | R 633                                | RS1/10S473J |
| R 308                                | RS1/10S123J | R 634                                | RS1/10S473J |
| R 309                                | RS1/10S183J | R 635                                | RS1/10S102J |
| R 310                                | RS1/10S183J | R 637                                | RA2CQ473J   |
| R 311                                | RS1/10S223J |                                      |             |
| R 312                                | RS1/10S223J | R 638                                | RS1/10S102J |
|                                      |             | R 639                                | RA2CQ102J   |
| R 313                                | RS1/10S911J | R 640                                | RA3C102J    |
| R 314                                | RS1/10S911J | R 641 47kΩ                           | CCN1131     |
| R 315                                | RS1/10S473J | R 642                                | RS1/10S102J |
| R 316                                | RS1/10S473J |                                      |             |
| R 317                                | RS1/10S911J | R 643                                | RA3C102J    |
|                                      |             | R 644                                | RS1/10S681J |
| R 318                                | RS1/10S911J | R 647                                | RA3C102J    |
| R 319                                | RS1/10S223J | R 648                                | RA2CQ102J   |
| R 320                                | RS1/10S223J | R 649                                | RS1/10S473J |
| R 321                                | RS1/10S223J |                                      |             |
| R 322                                | RS1/10S223J | R 651                                | RS1/10S104J |
|                                      |             | R 652                                | RS1/4S101J  |
| R 323                                | RS1/10S222J | R 653                                | RS1/4S101J  |
| R 324                                | RS1/10S222J | R 654                                | RS1PMF680J  |
| R 325                                | RS1/10S222J | R 701                                | RS1/10S433J |
| R 326                                | RS1/10S222J |                                      |             |
| R 327                                | RS1/10S510J | R 702                                | RS1/10S103J |
|                                      |             | R 703                                | RS1/10S222J |
| R 328                                | RS1/10S510J | R 704                                | RS1/10S103J |
| R 329                                | RS1/10S510J | R 705                                | RS1/10S102J |
| R 330                                | RS1/10S510J | R 706                                | RA2CQ222J   |
| R 331                                | RS1/10S103J |                                      |             |
| R 332                                | RS1/10S153J | R 707                                | RA2CQ103J   |
|                                      |             | R 708                                | CCN1116     |
| R 333                                | RS1/10S470J | R 709                                | RA2CQ222J   |
| R 334                                | RS1/10S470J | R 710                                | RS1/10S104J |
| R 335                                | RS1/10S470J | R 711                                | RS1/10S331J |
| R 336                                | RS1/10S470J |                                      |             |
| R 337                                | RS1/10S103J | R 712                                | RS1/10S103J |
|                                      |             | R 713                                | RA2CQ102J   |
| R 338                                | RS1/10S392J | R 714                                | RA2CQ222J   |
| R 341                                | RS1/10S302J | R 715                                | RA2CQ103J   |
| R 342                                | RS1/10S302J | R 716                                | RA2CQ102J   |
| R 343                                | RS1/10S104J |                                      |             |
| R 344                                | RS1/10S104J | R 717                                | RS1/10S102J |
|                                      |             | R 718                                | RS1/10S471J |
| R 345                                | RS1/10S223J | R 719                                | RS1/10S102J |
| R 355                                | RS1/10S472J | R 720                                | RA2CQ471J   |
| R 356                                | RS1/10S102J | R 722                                | RA2CQ222J   |
| R 601                                | RS1/10S102J |                                      |             |
| R 602                                | RS1/10S473J | R 723                                | RA2CQ473J   |
|                                      |             | R 724                                | RS1/10S102J |
| R 605                                | RS1/10S471J | R 725                                | RA3C471J    |
| R 606                                | RA2CQ221J   | R 726                                | RA2CQ102J   |
| R 608                                | RS1/10S102J | R 727                                | RA2CQ102J   |
| R 609                                | RS1/10S681J |                                      |             |
| R 610                                | RA3C102J    | R 728 470Ω                           | CCN1117     |
|                                      |             | R 729 470Ω                           | CCN1117     |
| R 611                                | RA3C473J    | R 730 470Ω                           | CCN1117     |
| R 612                                | RA2CQ102J   | R 731                                | RS1/10S471J |
| R 613                                | RS1/10S473J | R 732                                | RS1/10S912J |
| R 614                                | RS1/10S102J |                                      |             |
| R 615                                | RS1/10S471J | R 733                                | RS1/10S102J |
|                                      |             | R 734 2.2kΩ                          | CCN1121     |
| R 616                                | RS1/10S473J | R 735                                | RS1/10S273J |
| R 618                                | RS1/10S472J | R 736                                | RS1/10S512J |
| R 619                                | RA2CQ102J   | R 737                                | RS1/10S104J |
| R 620                                | RA2CQ473J   |                                      |             |
| R 621                                | RA3C102J    | R 738                                | RS1/10S154J |
|                                      |             | R 739                                | RS1/10S103J |
| R 622                                | RA3C473J    | R 801                                | RS1/8S222J  |
| R 623                                | RS1/10S102J | R 802                                | RS1/8S472J  |
| R 624                                | RS1/10S103J | R 803                                | RS1/8S222J  |
| R 625                                | RA3C102J    |                                      |             |
| R 626                                | RA3C473J    |                                      |             |

# FX-MG9006ZT,MG9006ZT-91,MG9506ZT,MG9506ZT-91

| ====Circuit Symbol & No.==Part Name |     |           | Part No.     | ====Circuit Symbol & No.==Part Name |     |           | Part No.     |
|-------------------------------------|-----|-----------|--------------|-------------------------------------|-----|-----------|--------------|
| R                                   | 804 |           | RS1/8S472J   | C                                   | 313 | 4.7μF/35V | CCH1016      |
| R                                   | 805 |           | RS1/8S222J   | C                                   | 314 | 4.7μF/35V | CCH1016      |
| R                                   | 806 |           | RS1/8S472J   | C                                   | 315 |           | CCSQCH330J50 |
| R                                   | 807 |           | RS1/8S221J   | C                                   | 316 |           | CCSQCH330J50 |
| R                                   | 809 |           | RS1/10S473J  | C                                   | 317 |           | CKSQYB331K50 |
| R                                   | 810 |           | RS1/10S104J  | C                                   | 318 |           | CKSQYB331K50 |
| R                                   | 811 |           | RS1/10S473J  | C                                   | 319 |           | CKSQYB682K50 |
| R                                   | 812 |           | RS1/10S104J  | C                                   | 320 |           | CKSQYB682K50 |
| R                                   | 813 |           | RS1/10S473J  | C                                   | 321 |           | CKSQYB682K50 |
| R                                   | 814 |           | RS1/10S104J  | C                                   | 322 |           | CKSQYB682K50 |
| R                                   | 815 |           | RS1/10S223J  | C                                   | 323 |           | CEALNP4R7M16 |
| R                                   | 816 |           | RS1/10S122J  | C                                   | 324 |           | CEALNP4R7M16 |
| R                                   | 820 |           | RS1/10S123J  | C                                   | 325 |           | CEALNP4R7M16 |
| R                                   | 821 |           | RS1/10S103J  | C                                   | 326 |           | CEALNP4R7M16 |
| R                                   | 822 |           | RS1/10S103J  | C                                   | 327 |           | CCSQCH101J50 |
| R                                   | 823 |           | RS1/10S223J  | C                                   | 328 |           | CCSQCH101J50 |
| R                                   | 824 |           | RS1/10S102J  | C                                   | 329 |           | CCSQCH101J50 |
| R                                   | 825 |           | RS1/10S331J  | C                                   | 330 |           | CCSQCH101J50 |
| R                                   | 826 |           | RS1/10S103J  | C                                   | 331 |           | CKSQYB104K50 |
| R                                   | 827 |           | RS1/10S471J  | C                                   | 333 |           | CKSQYB103K50 |
| R                                   | 828 |           | RS1/10S102J  | C                                   | 334 |           | CEJA101M6R3  |
| R                                   | 829 |           | RS1/10S223J  | C                                   | 335 |           | CEJA101M16   |
| R                                   | 830 |           | RS1/10S221J  | C                                   | 336 |           | CKSQYB104K50 |
| R                                   | 831 |           | RS1/10S331J  | C                                   | 337 | 4.7μF/35V | CCH1016      |
| R                                   | 832 |           | RS1/10S471J  | C                                   | 338 | 4.7μF/35V | CCH1016      |
| R                                   | 833 |           | RS1/10S102J  | C                                   | 341 |           | CKSQYB104K50 |
| R                                   | 840 |           | RS1/4S1R5J   | C                                   | 342 |           | CEAL4R7M16   |
| R                                   | 841 |           | RS1/4S1R5J   | C                                   | 343 |           | CEAL100M16   |
| R                                   | 842 |           | RS1/4S1R5J   | C                                   | 601 |           | CKSQYB102K50 |
| R                                   | 843 |           | RS1/4S1R5J   | C                                   | 603 |           | CEAL100M16   |
| R                                   | 844 |           | RS1/10S471J  | C                                   | 604 |           | CKSQYB103K50 |
| R                                   | 845 |           | RS1/10S471J  | C                                   | 605 |           | CKSQYB103K50 |
| R                                   | 846 |           | RS1/10S105J  | C                                   | 606 |           | CCSQCH101J50 |
| R                                   | 847 |           | RS1/10S361J  | C                                   | 607 |           | CCSQCH101J50 |
| R                                   | 848 |           | RS1/10S1501D | C                                   | 608 |           | CCSQCH101J50 |
| R                                   | 849 |           | RS1/10S2701D | C                                   | 609 |           | CCSQCH101J50 |
| R                                   | 850 |           | RS1/4S2R2J   | C                                   | 610 |           | CCSQCH101J50 |
| R                                   | 851 |           | RS1/10S471J  | C                                   | 611 |           | CCSQCH101J50 |
| R                                   | 852 |           | RS1/10S105J  | C                                   | 612 |           | CCSQCH101J50 |
| R                                   | 853 |           | RS1/10S102J  | C                                   | 613 |           | CCSQCH101J50 |
| R                                   | 854 |           | RS1/10S2201D | C                                   | 614 |           | CCSQCH101J50 |
| R                                   | 855 |           | RS1/10S2401D | C                                   | 615 |           | CCSQCH101J50 |
| R                                   | 856 |           | RS1/10S103J  | C                                   | 616 |           | CCSQCH101J50 |
| R                                   | 857 |           | RS1/10S102J  | C                                   | 617 |           | CCSQCH101J50 |
| R                                   | 859 |           | RS1/10S103J  | C                                   | 618 |           | CCSQCH102J50 |
| R                                   | 860 |           | RS1/10S103J  | C                                   | 619 |           | CCSQCH102J50 |
| R                                   | 861 |           | RS1/10S103J  | C                                   | 620 |           | CCSQCH102J50 |
| R                                   | 862 |           | RS1/10S102J  | C                                   | 621 |           | CCSQCH102J50 |
| R                                   | 863 |           | RS1/10S103J  | C                                   | 622 |           | CCSQCH102J50 |
| R                                   | 864 |           | RS1/10S102J  | C                                   | 623 |           | CCSQCH102J50 |
| R                                   | 865 |           | RS1/10S473J  | C                                   | 624 |           | CCSQCH102J50 |
| R                                   | 866 |           | RS1/10S104J  | C                                   | 625 |           | CKSQYB103K50 |
| R                                   | 867 |           | RS1/10S223J  | C                                   | 626 |           | CKSQYB103K50 |
| CAPACITORS                          |     |           |              | C                                   | 627 |           | CKSQYB221K50 |
|                                     |     |           |              | C                                   | 628 |           | CKSQYB221K50 |
| C                                   | 301 | 4.7μF/35V | CCH1016      | C                                   | 630 |           | CKSQYB102K50 |
| C                                   | 302 | 4.7μF/35V | CCH1016      | C                                   | 636 |           | CKSQYB102K50 |
| C                                   | 305 | 4.7μF/35V | CCH1016      | C                                   | 701 |           | CKSQYB102K50 |
| C                                   | 306 | 4.7μF/35V | CCH1016      | C                                   | 702 |           | CKSQYB102K50 |
| C                                   | 307 | 4.7μF/35V | CCH1016      | C                                   | 704 |           | CKSQYB102K50 |
| C                                   | 308 | 4.7μF/35V | CCH1016      | C                                   | 705 |           | CKSQYB102K50 |
| C                                   | 309 |           | CCSQCH330J50 | C                                   | 706 |           | CKSQYB102K50 |
| C                                   | 310 |           | CCSQCH330J50 | C                                   | 711 |           | CKSQYB102K50 |
| C                                   | 311 | 4.7μF/35V | CCH1016      | C                                   | 712 |           | CKSQYB102K50 |
| C                                   | 312 | 4.7μF/35V | CCH1016      | C                                   | 717 |           | CKSQYB102K50 |

| ====Circuit Symbol & No.====Part Name | Part No.     | ====Circuit Symbol & No.====Part Name | Part No.           |
|---------------------------------------|--------------|---------------------------------------|--------------------|
| C 721                                 | CKSQYB104K50 | D 905                                 | Chip LED           |
| C 722                                 | CEAL100M16   | D 906                                 | Chip LED           |
| C 723                                 | CKSQYB103K50 | D 907                                 | Diode              |
| C 724                                 | CKSQYB102K50 | D 908                                 | Diode              |
| C 725                                 | CKSQYB102K50 | D 910                                 | Chip LED           |
| C 726                                 | CKSQYB102K50 | IL 901                                | Lamp 8V 60mA       |
| C 727                                 | CKSQYB102K50 | IL 902                                | Lamp 8V 60mA       |
| C 728                                 | CCSQCH101J50 | IL 903                                | Lamp 8V 60mA       |
| C 801                                 | CKSQYB102K50 | IL 904                                | Lamp 8V 60mA       |
| C 802                                 | CEAL1R0M50   | IL 905                                | Lamp 8V 60mA       |
| C 803                                 | CKSQYB102K50 | IL 906                                | Lamp 8V 60mA       |
| C 804 2200μF/16V                      | CCH1186      | IL 907                                | Lamp 8V 60mA       |
| C 805                                 | CKSQYB473K50 | IL 908                                | Lamp 8V 60mA       |
| C 806                                 | CKSQYB102K50 | IL 909                                | Lamp 8V 60mA       |
| C 807                                 | CEAL1R0M50   | IL 910                                | Lamp 8V 60mA       |
| C 808                                 | CKSQYB102K50 | IL 911                                | Lamp 8V 60mA       |
| C 809 2200μF/16V                      | CCH1186      | IL 912                                | Lamp 8V 60mA       |
| C 811                                 | CCSQCH101J50 | IL 913                                | Lamp 8V 60mA       |
| C 812                                 | CKSQYB103K50 | IL 914                                | Lamp 8V 60mA       |
| C 813                                 | CEJA330M10   | VR 901                                | Encoder            |
| C 814                                 | CEAL1R0M50   | VR 903                                | Volume 50kΩ(B)     |
| C 815                                 | CEAL1R0M50   | VR 904                                | Volume 50kΩ(B)     |
| C 816                                 | CKSQYB103K50 | VR 905                                | Volume 50kΩ(B)     |
| C 817                                 | CEJA101M16   | VR 906                                | Volume 50kΩ(B)     |
| C 818                                 | CKSQYB103K50 | VR 907                                | Volume 50kΩ(B)     |
| C 819 100μF/10V                       | CCH1282      |                                       | LCD (UC, EW model) |
| C 820                                 | CKSQYB103K50 |                                       | LCD (ES model)     |
| C 824                                 | CKSQYB472K50 |                                       |                    |
| C 825 100μF/10V                       | CCH1282      |                                       |                    |
| C 826                                 | CKSQYB472K50 |                                       |                    |
| C 828                                 | CKSQYB103K50 |                                       |                    |
| C 829                                 | CKSQYB103K50 |                                       |                    |
| C 830                                 | CKSQYB103K50 |                                       |                    |
| C 831                                 | CKSQYB103K50 |                                       |                    |
| C 833                                 | CKSQYB102K50 |                                       |                    |
| C 834                                 | CKSQYB102K50 |                                       |                    |
| C 835                                 | CKSQYB102K50 |                                       |                    |
| C 838                                 | CEAT102M16   |                                       |                    |
| C 839 (EW model)                      | CKSQYB223K50 |                                       |                    |
| C 840 (EW model)                      | CKSQYB223K50 |                                       |                    |
| C 841 (EW model)                      | CKSQYB223K50 |                                       |                    |
| C 842 (EW model)                      | CKSQYB223K50 |                                       |                    |
| C 843                                 | CKSQYB102K50 |                                       |                    |
| C 893                                 | CKSQYB222K50 |                                       |                    |
| C 894                                 | CKSQYB222K50 |                                       |                    |
| C 896                                 | CKSQYB222K50 |                                       |                    |
| C 897                                 | CKSQYB222K50 |                                       |                    |

|               |
|---------------|
| Keyboard Unit |
| Consists of   |
| Keyboard PCB  |
| Backlight PCB |

**B** Unit Number : CWM6865  
 (FX-MG9006ZT/UC)  
 (FX-MG9506ZT/UC)  
 (FX-MG9006ZT/EW)  
 : CWM6864  
 (FX-MG9006ZT/ES)  
 Unit Name : Keyboard Unit

## MISCELLANEOUS

|        |          |              |
|--------|----------|--------------|
| IC 901 | IC       | LC75804W     |
| D 901  | Chip LED | NSCW310-0371 |
| D 902  | Chip LED | NSCW310-0371 |
| D 903  | Chip LED | NSCW310-0371 |
| D 904  | Chip LED | NSCW310-0371 |

## RESISTORS

|       |             |
|-------|-------------|
| R 901 | RS1/8S121J  |
| R 902 | RS1/8S121J  |
| R 903 | RS1/8S121J  |
| R 904 | RS1/8S151J  |
| R 905 | RS1/8S151J  |
| R 911 | RA3C102J    |
| R 912 | RA3C223J    |
| R 915 | RS1/10S393J |
| R 916 | RS1/10S222J |
| R 917 | RS1/10S222J |
| R 918 | RS1/10S222J |
| R 919 | RS1/10S122J |
| R 920 | RS1/10S681J |

## CAPACITORS

|       |              |
|-------|--------------|
| C 911 | CKSQYB104K16 |
| C 912 | CKSQYB104K16 |
| C 913 | CKSQYB104K16 |
| C 914 | CKSQYB102K50 |
| C 915 | CKSQYB474K16 |
| C 916 | CKSQYB103K50 |
| C 917 | CCSQCH101J50 |
| C 918 | CCSQCH101J50 |

**E** Unit Number : CWX2421  
 Unit Name : CD Core Unit(Servo Unit)

## MISCELLANEOUS

|        |                             |              |
|--------|-----------------------------|--------------|
| IC 101 | IC                          | UPC2572GS    |
| IC 201 | IC                          | UPD63702AGF  |
| IC 301 | IC                          | BA5986FM     |
| Q 101  | Transistor                  | 2SD1664      |
| Q 102  | Transistor                  | UMD2N        |
| D 301  | Diode                       | 1SR154-400   |
| L 201  | Inductor                    | LCYBR15J1608 |
| L 202  | Inductor                    | LCYBR15J1608 |
| X 201  | Ceramic Resonator 16.934MHz | CSS1457      |
| EF 201 | Filter                      | CCG1076      |
| EF 202 | Filter                      | CCG1076      |

| ====Circuit Symbol & No.===Part Name | Part No.     | ====Circuit Symbol & No.===Part Name                                                           | Part No.            |
|--------------------------------------|--------------|------------------------------------------------------------------------------------------------|---------------------|
| RESISTORS                            |              |                                                                                                |                     |
| R 101                                | RS1/8S100J   | C 116                                                                                          | CKSRYB682K50        |
| R 102                                | RS1/8S120J   | C 117                                                                                          | CKSRYB333K16        |
| R 104                                | RS1/16S822J  | C 118                                                                                          | CKSQYB334K16        |
| R 105                                | RS1/16S682J  | C 119                                                                                          | CKSQYB334K16        |
| R 106                                | RS1/16S183J  | C 120                                                                                          | CKSQYB334K16        |
| R 107                                | RS1/16S822J  | C 121                                                                                          | CKSQYB334K16        |
| R 108                                | RS1/16S333J  | C 122                                                                                          | CKSQYB104K16        |
| R 109                                | RS1/16S683J  | C 123                                                                                          | CKSRYB472K50        |
| R 110                                | RS1/16S134J  | C 124                                                                                          | CKSQYB104K16        |
| R 111                                | RS1/16S273J  | C 125                                                                                          | CCSRCH5R0C50        |
| R 112                                | RS1/16S222J  | C 126                                                                                          | CKSRYB153K25        |
| R 113                                | RS1/16S103J  | C 127                                                                                          | CKSRYB102K50        |
| R 114                                | RS1/16S103J  | C 201                                                                                          | CKSQYB334K16        |
| R 115                                | RS1/16S102J  | C 202                                                                                          | CKSQYB104K16        |
| R 116                                | RS1/16S163J  | C 203                                                                                          | CKSQYB104K16        |
| R 117                                | RS1/16S163J  | C 204                                                                                          | CKSRYB471K50        |
| R 120                                | RS1/16S101J  | C 207                                                                                          | CKSQYB683K16        |
| R 121                                | RS1/16S101J  | C 208                                                                                          | CKSRYB821K50        |
| R 201                                | RS1/16S104J  | C 209                                                                                          | CKSRYB273K25        |
| R 202                                | RS1/16S103J  | C 210                                                                                          | CKSQYB334K16        |
| R 203                                | RS1/16S332J  | C 211                                                                                          | CKSQYB334K16        |
| R 204                                | RS1/16S752J  | C 212                                                                                          | CKSQYB334K16        |
| R 205                                | RS1/16S752J  | C 213                                                                                          | CCH1349             |
| R 206                                | RS1/16S101J  | C 301                                                                                          | CEV101M10           |
| R 250                                | RS1/16S331J  | C 302                                                                                          | CEV101M10           |
| R 251                                | RS1/16S331J  | <div><div>G</div><div>Unit Number : CWX2422<br/>Unit Name : CD Core Unit(STS Unit)</div></div> |                     |
| R 252                                | RS1/16S331J  |                                                                                                |                     |
| R 253                                | RS1/16S331J  |                                                                                                |                     |
| R 254                                | RS1/16S331J  |                                                                                                |                     |
| R 255                                | RS1/16S471J  |                                                                                                |                     |
| R 256                                | RS1/16S471J  | MISCELLANEOUS                                                                                  |                     |
| R 263                                | RS1/16S471J  | IC 501                                                                                         | IC                  |
| R 270                                | RS1/16S101J  | IC 502                                                                                         | IC                  |
| R 271                                | RS1/16S101J  | IC 601                                                                                         | IC                  |
| R 274                                | RS1/16S471J  | IC 701                                                                                         | IC                  |
| R 277                                | RS1/16S471J  | IC 801                                                                                         | IC                  |
| R 301                                | RS1/16S103J  | Q 802                                                                                          | IC                  |
| R 302                                | RS1/16S153J  | Q 801                                                                                          | Transistor          |
| R 303                                | RS1/16S103J  | Q 802                                                                                          | Transistor          |
| R 304                                | RS1/16S273J  | D 701                                                                                          | Diode               |
| R 305                                | RS1/16S103J  | D 702                                                                                          | Diode               |
| R 306                                | RS1/16S752J  | D 703                                                                                          | Diode               |
| R 307                                | RS1/16S103J  | D 704                                                                                          | Diode               |
| R 308                                | RS1/16S103J  | D 705                                                                                          | Diode               |
| R 309                                | RS1/16S471J  | D 706                                                                                          | Diode               |
| R 311                                | RS1/16S471J  | D 707                                                                                          | Diode               |
| CAPACITORS                           |              | D 708                                                                                          | Diode               |
| C 101                                | CEV101M6R3   | S 801                                                                                          | Spring Switch(LOAD) |
| C 102                                | CKSQYB104K16 | S 802                                                                                          | Spring Switch(DOOR) |
| C 103                                | CEV470M6R3   | S 803                                                                                          | Spring Switch(MODE) |
| C 104                                | CKSQYB334K16 | EF 701                                                                                         | Filter              |
| C 105                                | CCSRCH240J50 | EF 702                                                                                         | Filter              |
| C 106                                | CKSRYB222K50 | EF 703                                                                                         | Filter              |
| C 107                                | CEV4R7M35    | RESISTORS                                                                                      |                     |
| C 108                                | CKSRYB273K25 | R 501                                                                                          | RS1/16S102J         |
| C 109                                | CCSRCH101J50 | R 502                                                                                          | RS1/16S202J         |
| C 110                                | CKSQYB104K16 | R 503                                                                                          | RS1/16S392J         |
| C 111                                | CKSRYB332K50 | R 504                                                                                          | RS1/16S822J         |
| C 112                                | CKSQYB473K16 | R 505                                                                                          | RS1/16S163J         |
| C 113                                | CKSRYB103K25 | R 506                                                                                          | RS1/16S512J         |
| C 114                                | CKSRYB391K50 | R 507                                                                                          | RS1/16S182J         |
| C 115                                | CCSRCH121J50 | R 508                                                                                          | RS1/16S222J         |
|                                      |              | R 509                                                                                          | RS1/16S102J         |
|                                      |              | R 510                                                                                          | RS1/16S102J         |

====Circuit Symbol &amp; No.====Part Name

Part No.

|   |     |             |
|---|-----|-------------|
| R | 511 | RS1/16S102J |
| R | 512 | RS1/16S102J |
| R | 513 | RS1/16S102J |
| R | 514 | RS1/16S471J |
| R | 601 | RS1/16S101J |
|   |     |             |
| R | 602 | RS1/16S101J |
| R | 603 | RS1/16S471J |
| R | 604 | RS1/16S471J |
| R | 702 | RS1/10S100J |
| R | 716 | RS1/16S471J |
|   |     |             |
| R | 717 | RS1/16S471J |
| R | 718 | RS1/16S471J |
| R | 801 | RS1/10S102J |

## CAPACITORS

|   |     |              |
|---|-----|--------------|
| C | 501 | CKSQYB334K16 |
| C | 502 | CKSQYB334K16 |
| C | 503 | CKSQYB334K16 |
| C | 504 | CCSRCH471J50 |
| C | 506 | CCSRCH221J50 |
|   |     |              |
| C | 601 | CKSQYB334K16 |
| C | 602 | CCSRCH221J50 |
| C | 603 | CKSQYB334K16 |
| C | 604 | CKSQYB334K16 |
| C | 605 | CSZSR100M10  |
|   |     |              |
| C | 606 | CKSQYB334K16 |
| C | 701 | CCH1349      |
| C | 702 | CEVL101M6R3  |
| C | 703 | CKSQYB334K16 |
| C | 704 | CKSQYB334K16 |
|   |     |              |
| C | 705 | CCSRCH151J50 |
| C | 706 | CCSRCH151J50 |
| C | 707 | CCSRCH151J50 |
| C | 801 | CKSQYB104K25 |
| C | 802 | CKSQYB104K25 |
|   |     |              |
| C | 803 | CEVL220M16   |

**L** Unit Number :  
Unit Name : PCB Unit(A)

|   |     |          |            |
|---|-----|----------|------------|
| D | 891 | Chip LED | CL202IRXTU |
| D | 892 | Chip LED | CL202IRXTU |

**H** Unit Number :  
Unit Name : PCB Unit(B)

|   |     |                         |         |
|---|-----|-------------------------|---------|
| S | 886 | Spring Switch(ELV Home) | CSN1052 |
| S | 887 | Spring Switch(Clamp)    | CSN1051 |

**J** Unit Number :  
Unit Name : PCB Unit(C)

|   |     |                           |            |
|---|-----|---------------------------|------------|
| Q | 881 | Photo-transistor          | CPT230SCTD |
| D | 883 | Chip LED                  | CL202IRXTU |
| S | 885 | Spring Switch(MAX DETECT) | CSN1052    |

**M** Unit Number :  
Unit Name : PCB Unit(D)

|   |     |                  |            |
|---|-----|------------------|------------|
| Q | 851 | Photo-transistor | CPT230SCTD |
| Q | 852 | Photo-transistor | CPT230SCTD |

**I** Unit Number :  
Unit Name : PCB Unit(E)

|   |     |            |
|---|-----|------------|
| R | 856 | RS1/8S911J |
| R | 857 | RS1/8S821J |

**F** Unit Number :  
Unit Name : Motor PCB(A)

|   |   |                      |         |
|---|---|----------------------|---------|
| Q | 1 | Photo-interrupter    | RPI-221 |
| M | 1 | Motor Unit(Cam Gear) | CXB6929 |
| M | 3 | Motor Unit(ELV)      | CXB3175 |

====Circuit Symbol &amp; No.====Part Name

Part No.

**D** Unit Number :  
Unit Name : Motor PCB(B)

|   |   |                      |         |
|---|---|----------------------|---------|
| M | 4 | Motor Unit(Carriage) | CXB3178 |
| M | 5 | Motor(Spindle)       | CXM1120 |

**K** Unit Number :  
Unit Name : Load Motor PCB

|   |   |                  |         |
|---|---|------------------|---------|
| M | 2 | Motor Unit(Load) | CXB3177 |
|---|---|------------------|---------|

**N** Unit Number : CWM6872  
Unit Name : SW Unit

## MISCELLANEOUS

|   |     |     |          |
|---|-----|-----|----------|
| D | 921 | LED | SML210FT |
| D | 922 | LED | SML210FT |
| D | 923 | LED | SML210FT |
| D | 924 | LED | SML210FT |
| D | 925 | LED | SML210FT |

|    |     |                       |         |
|----|-----|-----------------------|---------|
| S  | 924 | Spring Switch(DCLOSE) | CSN1052 |
| IL | 923 | Lamp 8V 60mA          | CEL1649 |
| IL | 924 | Lamp 8V 60mA          | CEL1649 |

## RESISTORS

|   |     |            |
|---|-----|------------|
| R | 931 | RS1/8S331J |
| R | 932 | RS1/8S331J |
| R | 933 | RS1/8S331J |
| R | 934 | RS1/8S331J |
| R | 935 | RS1/8S331J |

## CAPACITORS

|   |     |              |
|---|-----|--------------|
| C | 921 | CKSQYB104K25 |
| C | 922 | CKSQYB104K25 |
| C | 923 | CKSQYB102K50 |
| C | 924 | CKSQYB102K50 |
| C | 925 | CKSQYB102K50 |

|   |     |              |
|---|-----|--------------|
| C | 926 | CKSQYB104K25 |
| C | 927 | CKSQYB104K25 |
| C | 928 | CKSQYB104K25 |

**O** Unit Number : EWM1030  
Unit Name : Deck Unit

## MISCELLANEOUS

|    |     |            |          |
|----|-----|------------|----------|
| IC | 251 | IC         | HA12216F |
| IC | 351 | IC         | PA2020A  |
| Q  | 271 | Transistor | 2SC4116  |
| Q  | 351 | Transistor | 2SB1260  |
| Q  | 352 | Transistor | 2SC4102  |

|    |     |                    |         |
|----|-----|--------------------|---------|
| D  | 351 | Diode              | 1SS355  |
| VR | 301 | Semi-fixed 33kΩ(B) | CCP1280 |
| VR | 302 | Semi-fixed 33kΩ(B) | CCP1280 |

## RESISTORS

|   |     |             |
|---|-----|-------------|
| R | 255 | RS1/16S181J |
| R | 256 | RS1/16S181J |
| R | 257 | RS1/16S183J |
| R | 258 | RS1/16S183J |
| R | 259 | RS1/16S133J |

|   |     |             |
|---|-----|-------------|
| R | 260 | RS1/16S133J |
| R | 261 | RS1/16S274J |
| R | 262 | RS1/16S274J |
| R | 271 | RS1/16S183J |
| R | 272 | RS1/8S0R0J  |

|   |     |             |
|---|-----|-------------|
| R | 273 | RS1/8S0R0J  |
| R | 275 | RS1/16S473J |
| R | 276 | RS1/16S104J |
| R | 277 | RS1/16S224J |
| R | 278 | RS1/16S104J |

| ====Circuit Symbol & No.==Part Name                | Part No.     | ====Circuit Symbol & No.==Part Name                | Part No. |
|----------------------------------------------------|--------------|----------------------------------------------------|----------|
| R 281                                              | RS1/8S0R0J   | <div>Q</div> Unit Number :<br>Unit Name : Reel PCB |          |
| R 282                                              | RS1/8S0R0J   | EGN 2 Photo-Interrupter                            | EGN1006  |
| R 283                                              | RS1/8S0R0J   | EGN 3 Photo-Interrupter                            | EGN1006  |
| R 284                                              | RS1/8S0R0J   |                                                    |          |
| R 285                                              | RS1/8S0R0J   |                                                    |          |
| R 286                                              | RS1/8S0R0J   |                                                    |          |
| R 287                                              | RS1/8S0R0J   |                                                    |          |
| R 288                                              | RS1/8S0R0J   |                                                    |          |
| R 292                                              | RS1/8S0R0J   |                                                    |          |
| R 296                                              | RS1/16S0R0J  |                                                    |          |
| R 321                                              | RS1/8S0R0J   |                                                    |          |
| R 322                                              | RS1/16S0R0J  |                                                    |          |
| R 351                                              | RS1/16S102J  |                                                    |          |
| R 352                                              | RS1/16S102J  |                                                    |          |
| R 353                                              | RS1/16S102J  |                                                    |          |
| R 354                                              | RS1/16S102J  |                                                    |          |
| R 355                                              | RS1/10S274J  |                                                    |          |
| R 356                                              | RS1/10S202J  |                                                    |          |
| R 357                                              | RS1/10S472J  |                                                    |          |
| R 358                                              | RS1/10S103J  |                                                    |          |
| R 359                                              | RS1/10S103J  |                                                    |          |
| R 360                                              | RS1/10S102J  |                                                    |          |
| R 361                                              | RS1/10S622J  |                                                    |          |
| R 362                                              | RS1/8S181J   |                                                    |          |
| R 373                                              | RS1/8S0R0J   |                                                    |          |
| R 374                                              | RS1/8S0R0J   |                                                    |          |
| R 375                                              | RS1/8S0R0J   |                                                    |          |
| R 401                                              | RS1/16S123J  |                                                    |          |
| R 402                                              | RS1/16S332J  |                                                    |          |
| R 403                                              | RS1/16S911J  |                                                    |          |
| R 404                                              | RS1/16S274J  |                                                    |          |
| CAPACITORS                                         |              |                                                    |          |
| C 251                                              | CKSRYB391K50 |                                                    |          |
| C 252                                              | CKSRYB391K50 |                                                    |          |
| C 253                                              | CKSRYB391K50 |                                                    |          |
| C 254                                              | CKSRYB391K50 |                                                    |          |
| C 255                                              | CKSRYB103K50 |                                                    |          |
| C 256                                              | CKSRYB103K50 |                                                    |          |
| C 271                                              | CEV1R0M50    |                                                    |          |
| C 272                                              | CKSQYB104K16 |                                                    |          |
| C 301                                              | CKSRYB104K16 |                                                    |          |
| C 302                                              | CKSRYB104K16 |                                                    |          |
| C 309                                              | CKSQYB104K16 |                                                    |          |
| C 310                                              | CKSQYB104K16 |                                                    |          |
| C 351                                              | CKSYB224K25  |                                                    |          |
| C 352                                              | CKSQYB392K50 |                                                    |          |
| C 353                                              | CKSQYB103K50 |                                                    |          |
| C 354                                              | CKSQYB103K50 |                                                    |          |
| C 355                                              | CKSYB104K50  |                                                    |          |
| C 356                                              | CKSQYB103K50 |                                                    |          |
| C 401                                              | CKSQYB472K50 |                                                    |          |
| C 402                                              | CKSQYB334K16 |                                                    |          |
| C 403                                              | CKSQYB223K25 |                                                    |          |
| C 404                                              | CKSRYB103K50 |                                                    |          |
| C 405                                              | CKSRYB333K16 |                                                    |          |
| <div>P</div> Unit Number :<br>Unit Name : PCB Unit |              |                                                    |          |
| L 1 Inductor                                       | ETH0002      |                                                    |          |
| S 1 Switch (LOAD)                                  | ESG1004      |                                                    |          |
| S 2 Switch (70μs)                                  | ESG1004      |                                                    |          |
| EGN 1 Photo-Interrupter                            | EGN1005      |                                                    |          |