

Goodmans



GCD808

Service Manual - GCD808

Bill Of Materials

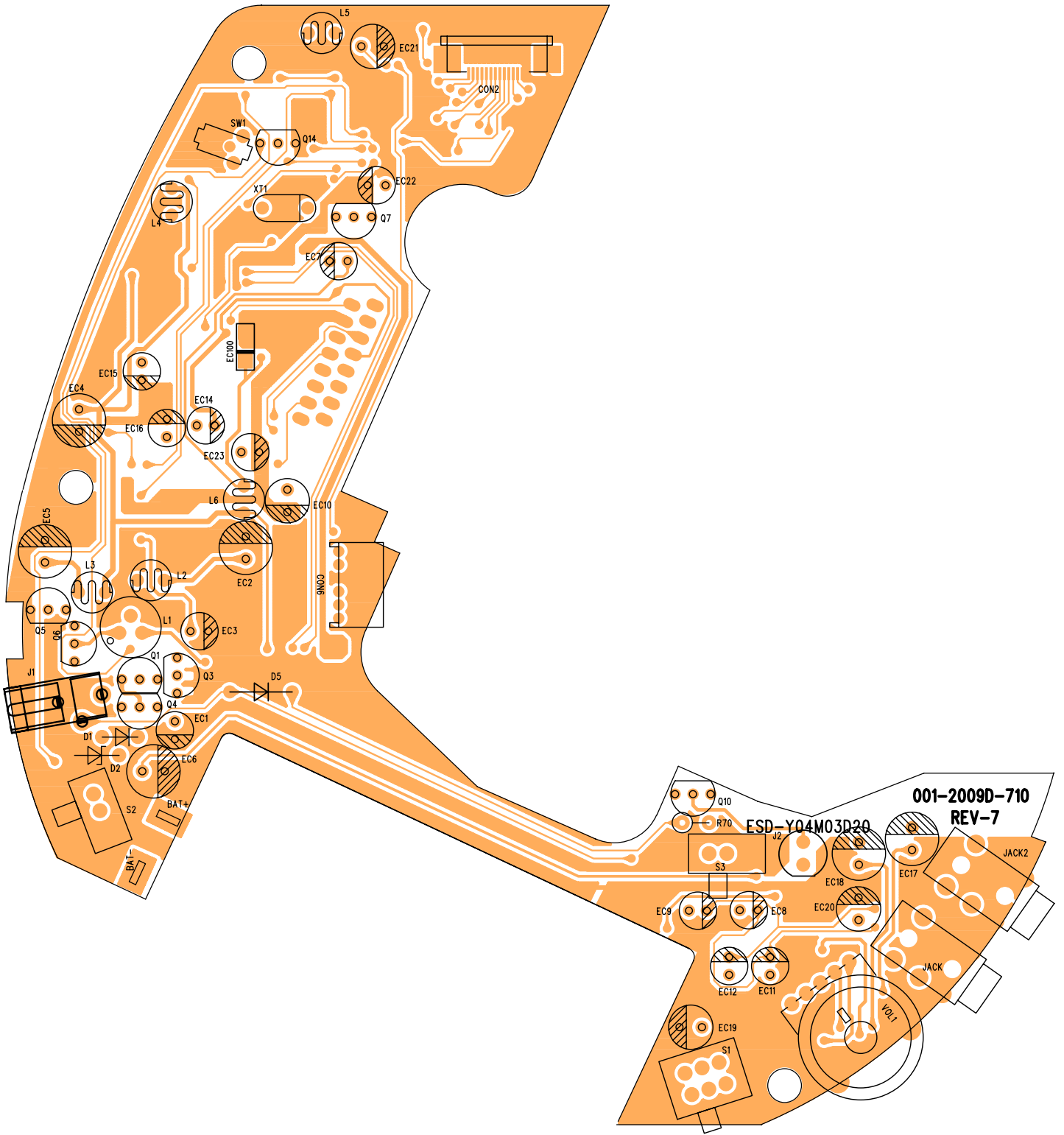
| NO | ITEM | DESCRIPTION | QTY | LOCATION |
|----|---------------|-------------------------------|-----|----------|
| 1 | 001-2009D-710 | P.C.B Main Board | 1 | |
| 2 | 001-2049S-D70 | P.C.B KEY BOARD | 1 | |
| 3 | 002-06575-D07 | I.C BH6575FV | 1 | IC201 |
| 4 | 002-04453-D07 | I.C BH4453F | 1 | IC301 |
| 5 | 002-24393-G00 | I.C BU24393-8Z | 1 | IC401 |
| 6 | 002-09532-H00 | I.C BU9532KS | 1 | IC101 |
| 7 | 003-3199Y-H03 | TRANSISTOR KTC3199Y TO-92S | 1 | Q10 |
| 8 | 003-1266Y-000 | TRANSISTOR KTA1266Y | 1 | Q7 |
| 9 | 003-3203Y-D00 | TRANSISTOR STC3203Y | 3 | Q3.4.14 |
| 10 | 003-1271Y-A03 | TRANSISTOR KTA1271Y | 1 | Q1 |
| 11 | 003-00114-S07 | TRANSISTOR DTC114TUA SMD | 3 | Q8.9.13 |
| 12 | 003-00124-S07 | TRANSISTOR DTA124EUA SMD | 1 | Q2 |
| 13 | 003-04115-H00 | TRANSISTOR 2SC4115 NPN TO-92S | 2 | Q6.5 |
| 14 | 004-04148-000 | DIODE IN4148 | 2 | D4.3 |
| 15 | 004-04001-000 | DIODE IN4001 | 1 | D1 |
| 16 | 004-05818-000 | DIODE IN5818 | 1 | D5 |
| 17 | 005-00062-A00 | ZENER DIODE 1/2W 6.2V | 1 | D2 |
| 18 | 006-16934-000 | RESONATOR 16.9344MHz (3Pin) | 1 | XT1 |
| 19 | 008-80337-C00 | LCD DISPLAY 80337TR | 1 | |
| 20 | 010-A0106-000 | CHOKE COIL 10uH 2Pin 4x6mm | 3 | L3.5.6 |
| 21 | 010-A0107-307 | CHOKE COIL 100uH 3Pin 5x7mm | 1 | L1 |
| 22 | 010-A0107-200 | CHOKE COIL 100uH 2Pin 4x6mm | 1 | L4 |
| 23 | 010-A0337-200 | CHOKE COIL 330uH 2Pin 4x6mm | 1 | L2 |
| 24 | 011-A068A-200 | RESISTOR 1/4W 6.8 OHM ±5% | 1 | R70. |
| 25 | 011-B020A-200 | RES CHIP 2 OHM ±5% 0603 | 1 | R58 |
| 26 | 011-B100A-200 | RES CHIP 10 OHM ±5% 0603 | 1 | R7 |

| NO | ITEM | DESCRIPTION | QTY | LOCATION |
|----|---------------|--------------------------------------|-----|--|
| 27 | 011-B101A-200 | RES CHIP 100 OHM \pm 5% 0603 | 2 | R52.6 |
| 28 | 011-B102A-200 | RES CHIP 1K OHM \pm 5% 0603 | 15 | R21.27.28.30.31.8. 18.53.54.68.39.40.71.45.59 |
| 29 | 011-B103A-200 | RES CHIP 10K OHM \pm 5% 0603 | 3 | R62.9.(KEY:1) |
| 30 | 011-B104A-200 | RES CHIP 100K OHM \pm 5% 0603 | 8 | R63.20.1.66.60.61.32.33 |
| 31 | 011-B105A-200 | RES CHIP 1M OHM \pm 5% 0603 | 1 | R29 |
| 32 | 011-B123A-200 | RES CHIP 12K OHM \pm 5% 0603 | 2 | R5.35 |
| 33 | 011-B154A-200 | RES CHIP 150K OHM \pm 5% 0603 | 1 | R17 |
| 34 | 011-B182A-200 | RES CHIP 1.8K OHM \pm 5% 0603 | 1 | (KEY:1) |
| 35 | 011-B183A-200 | RES CHIP 18K OHM \pm 5% 0603 | 5 | R12.13.14.15.25 |
| 36 | 011-B184A-200 | RES CHIP 180K OHM \pm 5% 0603 | 1 | R57 |
| 37 | 011-B225A-200 | RES CHIP 2.2M OHM \pm 5% 0603 | 2 | R23.36 |
| 38 | 011-B222A-200 | RES CHIP 2.2K OHM \pm 5% 0603 | 1 | (KEY:1) |
| 39 | 011-B200A-200 | RES CHIP 20K OHM \pm 5% 0603 | 1 | R64 |
| 40 | 011-B223A-200 | RES CHIP 22K OHM \pm 5% 0603 | 3 | R46.2.69 |
| 41 | 011-B273A-200 | RES CHIP 27K OHM \pm 5% 0603 | 3 | R4.11.16 |
| 42 | 011-B332A-200 | RES CHIP 3.3K OHM \pm 5% 0603 | 3 | R50.51.(KEY:1) |
| 43 | 011-B333A-200 | RES CHIP 33K OHM \pm 5% 0603 | 2 | R47.43 |
| 44 | 011-B334A-200 | RES CHIP 330K OHM \pm 5% 0603 | 1 | R42 |
| 45 | 011-B047A-200 | RES CHIP 4.7 OHM \pm 5% 0603 | 3 | R19.26.22 |
| 46 | 011-B471A-200 | RES CHIP 470 OHM \pm 5% 0603 | 1 | R34 |
| 47 | 011-B472A-200 | RES CHIP 4.7K OHM \pm 5% 0603 | 2 | R44.(KEY:1) |
| 48 | 011-B473A-200 | RES CHIP 47K OHM \pm 5% 0603 | 3 | R38.56.65 |
| 49 | 011-B683A-200 | RES CHIP 68K OHM \pm 5% 0603 | 1 | R67 |
| 50 | 011-B753A-200 | RES CHIP 75K OHM \pm 5% 0603 | 2 | R24.55 |
| 51 | 011-B822A-200 | RES CHIP 8.2K OHM \pm 5% 0603 | 3 | R3.48.49 |
| 52 | 011-B913A-200 | RES CHIP 91K OHM \pm 5% 0603 | 1 | R41 |
| 53 | 011-B910A-200 | RES CHIP 91 OHM \pm 5% 0603 | 1 | R10 |
| 54 | 012-4106B-300 | ELECT CAP 10uF 10V \pm 20% 4x5mm | 2 | EC3.1 |
| 55 | 012-4224F-300 | ELECT CAP 0.22uF 50V \pm 20% 4x5mm | 1 | EC15 |
| 56 | 012-4335F-300 | ELECT CAP 3.3uF 50V \pm 20% 4x5mm | 1 | EC14 |
| 57 | 012-4475F-300 | ELECT CAP 4.7uF 50V \pm 20% 4x5mm | 5 | EC8.9.11.12.16 |
| 58 | 012-4476C-300 | ELECT CAP 47uF 16V \pm 20% 4x5mm | 1 | EC21 |

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|----|---------------|--|-----|---|
| 59 | 012-6107C-300 | ELECT CAP 100uF 16V ±20% 5x5mm | 6 | EC19.20.22.7.10.23 |
| | 012-5227A-300 | ELECT CAP 220uF 6.3V ±20% 6x5mm | 5 | EC17.18.2.5.4 |
| 60 | 012-8227B-300 | ELECT CAP 220uF 10V ±20% 8x5mm | 1 | EC6 |
| | 013-D107M-50B | Tantal Chip CAP 100uF 4V +-20% "B-Size" | 1 | C? |
| 61 | 014-B102C-500 | CHIP CER CAP 0.001uF 50V ±10% 0603 | 5 | C27.28.29.30.5 |
| 62 | 014-B103C-500 | CHIP CER CAP 0.01uF 50V ±10% 0603 | 2 | C48.54 |
| 63 | 014-B104C-500 | CHIP CER CAP 0.1uF 50V ±10% 0603 | 22 | C1.2.3.6.9.10.13.15.36.37.49. 25.45.42.46.50.43.53.52.31.24. 51 |
| 64 | 014-B105C-500 | CHIP CER CAP 105PF 50 ±10% 0603 | 7 | C26.23.22.16.44.40.7 |
| 65 | 014-B121C-500 | CHIP CER CAP 120PF 50V ±10% 0603 | 1 | C14 |
| 66 | 014-B150C-500 | CHIP CER CAP 15PF 50V ±10% 0603 | 1 | C41 |
| 67 | 014-B151C-500 | CHIP CER CAP 150PF 50V ±10% 0603 | 2 | C21.19 |
| 68 | 014-B222C-500 | CHIP CER CAP 0.0022uF 50V ±10% 0603 | 1 | C20 |
| 69 | 014-B223C-500 | CHIP CER CAP 0.022uF 50V ±10% 0603 | 5 | C32.33.34.35.4 |
| 70 | 014-B470C-500 | CHIP CER CAP 47PF 50V ±10% 0603 | 1 | C8 |
| 71 | 014-B471C-500 | CHIP CER CAP 470PF 50V ±10% 0603 | 2 | C12.11 |
| 72 | 014-B682C-500 | CHIP CER CAP 0.0068uF 50V ±10% 0603 | 1 | C17 |
| 73 | 014-B820C-500 | CHIP CER CAP 82PF 50V ±10% 0603 | 1 | C18 |
| 74 | 014-B823C-500 | CHIP CER CAP 0.082uF 50V ±10% 0603 | 2 | C38.39 |
| 75 | 023-A0030-RD0 | LED 3mm RED | 1 | |
| 76 | 025-DS200-000 | Detector Switch DS-20 4Pin Small | 1 | |
| 77 | 025-SS120-450 | Slide Switch SS-12D01 1P2T VG-4.5mm | 1 | |
| 78 | 025-SK120-030 | Side Knob Slide Switch SK12D03 1P2T VG-3mm | 1 | |
| 79 | 025-SK220-030 | Side Knob Slide Switch SK22D03 2P2T VG-3mm | 1 | |
| 80 | 026-010KA-A14 | VOL ROTARY 10KA 1401-A101mm | 1 | 2005 |
| 81 | 028-ST006-B51 | 3.5mm LINE OUT JACK ST-006 | 1 | |
| 82 | 028-ST006-B52 | 3.5mm Headphone JACK ST-006 | 1 | |
| 83 | 031-20390-140 | 14P FFC Flexible Cable | 1 | |
| 84 | 036-A0150-06S | Connector 6Pin Socket P=1.5mm 180° Small | 1 | |
| 85 | 036-D0100-161 | Connector 16Pin Socket P=1.0mm 90° | 1 | |
| 86 | 036-G0050-140 | Connector 14Pin Socket P=0.5mm SMD W/Lock | 1 | |
| 87 | 038-00300-10A | Zebra Paper 10Pin L=30mm P=2mm | 1 | |

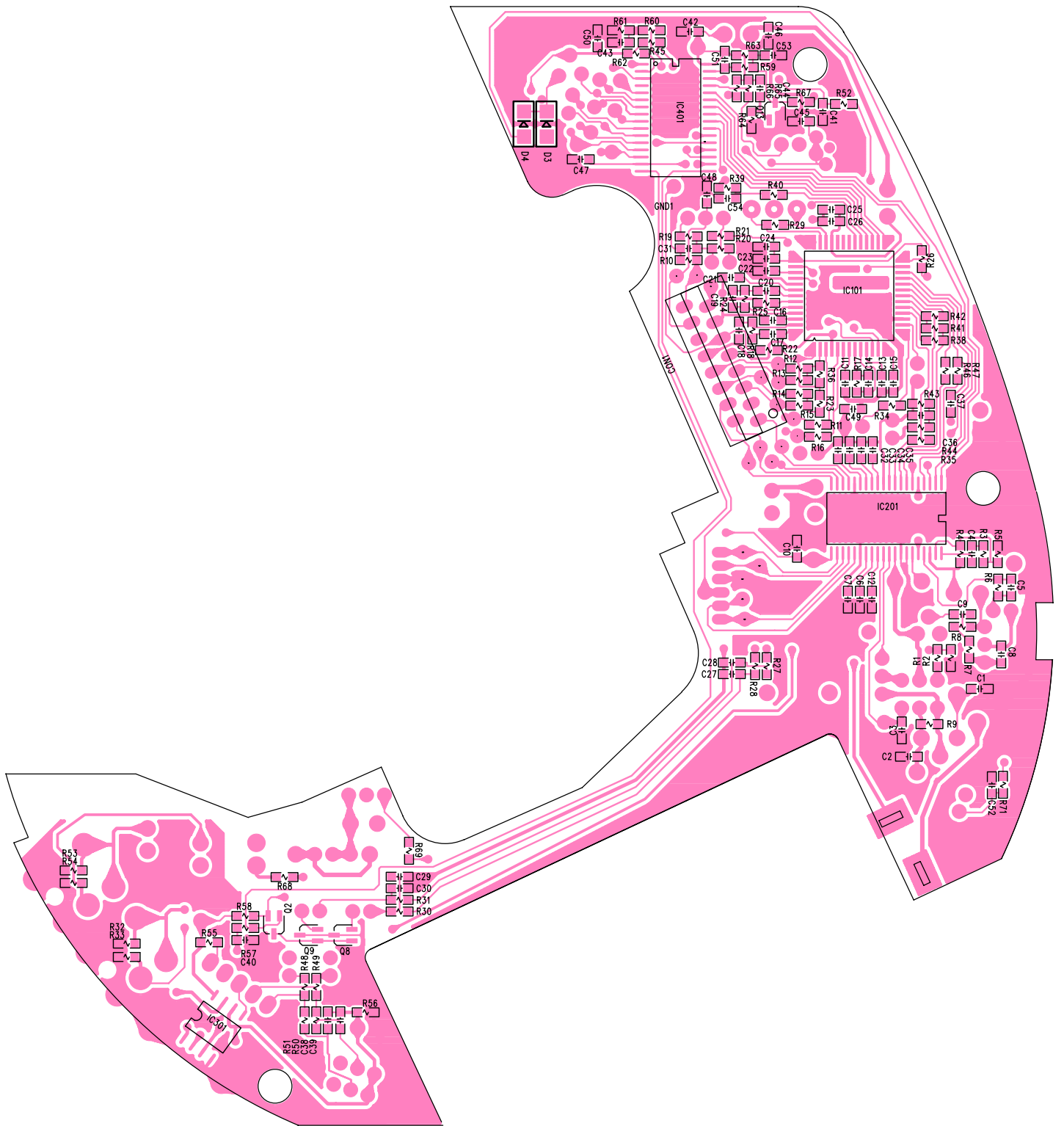
| NO | ITEM | DESCRIPTION | QTY | LOCATION |
|-----|---------------|---|-----|--------------------|
| 88 | 048-DC480-001 | DC JACK DC-480 | 1 | |
| 89 | 050-TA005-16P | Tact Switch 6mm W/Pin 250g | 6 | |
| 90 | 052-0TW60-350 | 3.5mm Stereo Earphone TW-60 | 1 | ACCORDING TO ORDER |
| 91 | 201-EI350-062 | AC Adaptor EI-35 230V 50Hz 4.5V DC 600mA "CE" | 1 | ACCORDING TO ORDER |
| 92 | 201-2323A-080 | CAR DC CHARGER-ADAP TOR 12-24V TO4.5V | 1 | ACCORDING TO ORDER |
| 93 | 203-2009S-C90 | CD DECK "SAMSUNG" CMS-M97DG6 | 1 | |
| | | | | |
| 94 | 209-21000-S00 | OPEN SPRING | 1 | |
| 95 | 209-20490-P00 | DOOR SPRING | 1 | |
| 96 | 211-2009A-000 | BATTERY PLATE "+.-" | 1 | |
| 97 | 211-2009B-000 | BATTERY PLATE "-" | 1 | |
| 98 | 211-2009C-000 | BATTERY PLATE "+" | 1 | |
| 99 | 225-00068-100 | Rubber Sponge D=6.8x1mm | 2 | |
| 100 | 225-20490-A00 | DOUBLE-TAPE | 1 | |
| 101 | 225-10020-A00 | LAMP BUSHING | 1 | |
| | 225-01107-200 | RUBBER SPONGE 11x7x2mm | 1 | |
| 102 | 234-KB017-03B | SCREW KB 1.7x3 Black | 4 | FOR KEY |
| 103 | 234-PA020-08B | SCREW PA 2x8 Black | 6 | FOR MAIN UNIT |
| 104 | 240-20280-0GN | CD CUSHION RUBBER GREEN | 3 | |
| 105 | 247-20050-080 | Ribbon For Battery Box L=80mm 80x6.5mm | 1 | |
| 107 | 301-0C067-080 | POLYBAG 6-3/4x8"T=0.04mm | 1 | |
| 108 | 303-2008A-A10 | POLYFOAM | 1 | ACCORDING TO ORDER |
| 109 | 304-2049A-A10 | GIFT BOX | 1 | |
| 110 | 305-2049A-A10 | INSTRUCTION MANUAL | 1 | |
| 111 | 306-20490-A05 | CARTON 1/5 | 1 | |
| 112 | 307-CD020-A00 | CD PAPER CARD FOR CD | 1 | |
| 113 | 308-2049A-000 | PVC MODEL PLATE | 1 | |
| | | | | |
| 114 | 401-2049B-100 | TOP-COVER ABS (0SEC) | 1 | |
| 115 | 401-2009B-100 | BOTTOM-COVER ABS | 1 | |
| 116 | 401-2009M-100 | MIDDLE-COVER ABS | 1 | |
| 117 | 407-2009A-100 | BATTERY DOOR ABS | 1 | |

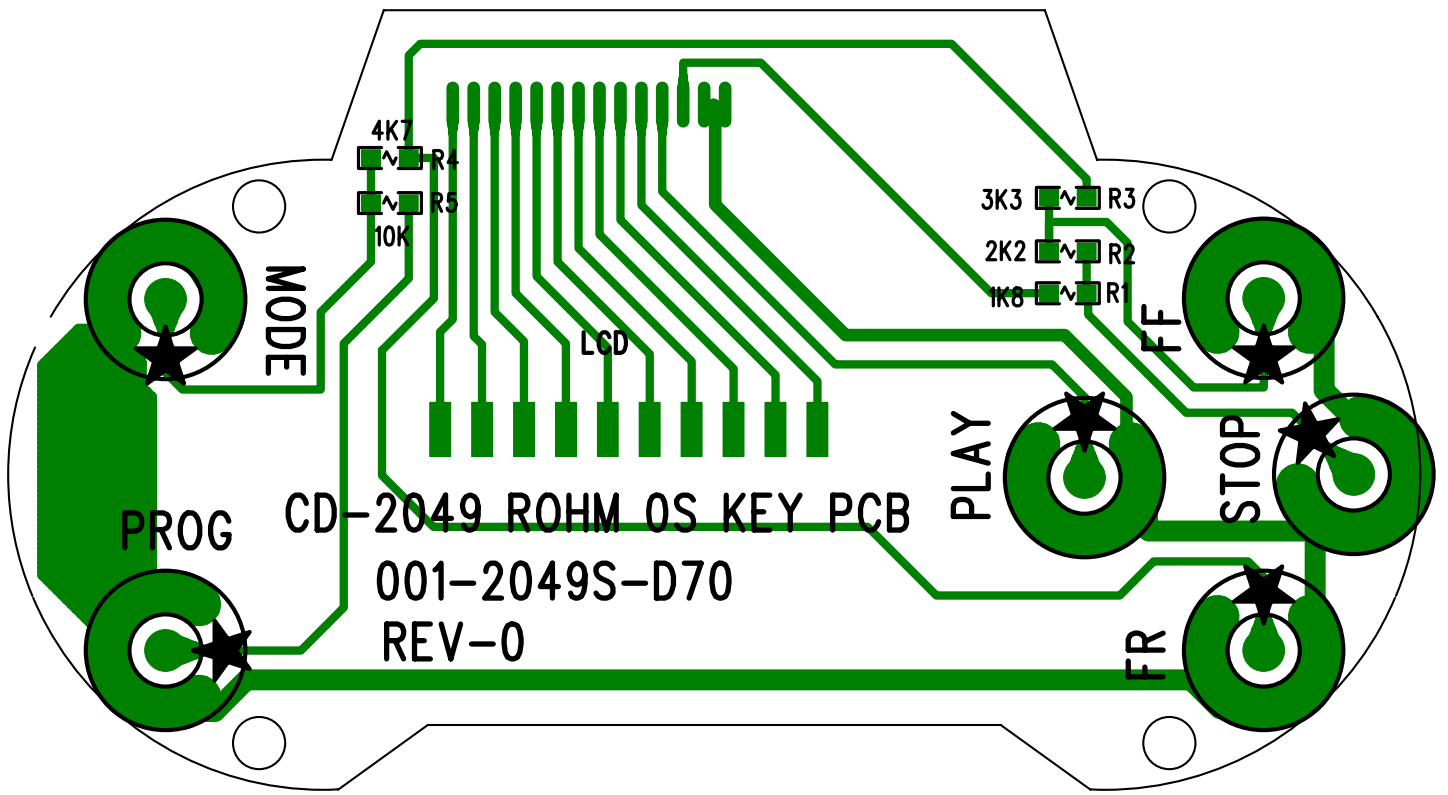
| NO | ITEM | DESCRIPTION | QTY | LOCATION |
|-----------|---------------|----------------------------|------------|-----------------|
| 118 | 411-2049A-500 | LCD-LENS PVC CLEAR | 1 | |
| 119 | 411-2009F-100 | TACT-SWITCH-CAP ABS | 1 | |
| 120 | 458-2049C-100 | KEY-KNOB ASS'Y ABS | 1 | |
| 121 | 458-2006B-1NL | HOLD/BASS KNOB ABS Natural | 2 | |
| 122 | 459-2009A-1BK | OPEN KNOB ABS | 1 | |
| 123 | 483-2049A-100 | ORNAMENT | 1 | |

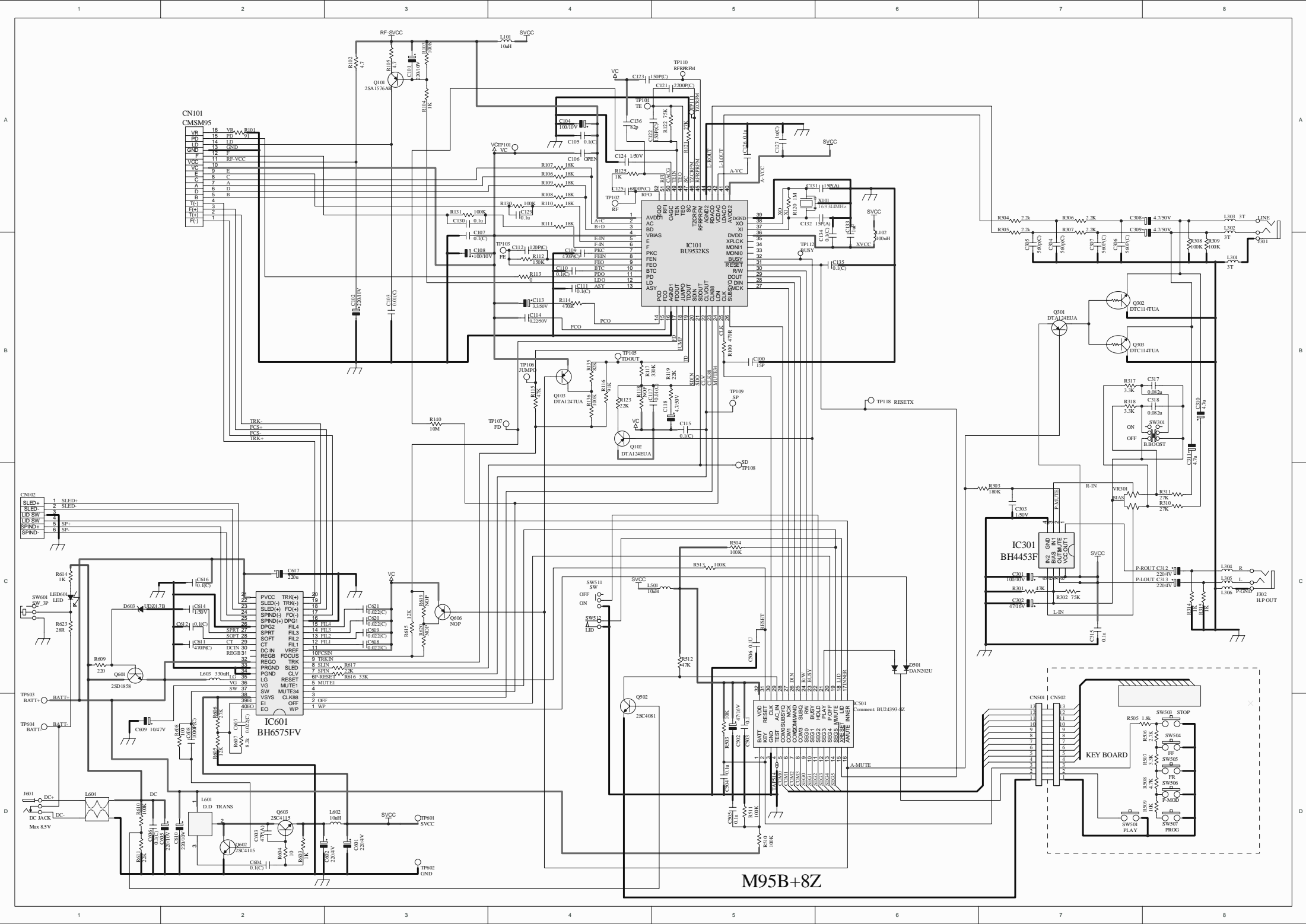


001-2009D-710
REV-7

ESD-Y04M03D20







CN101
CMSM95

M95B+8Z

KEY BOARD

A

B

C

D

A

B

C

D