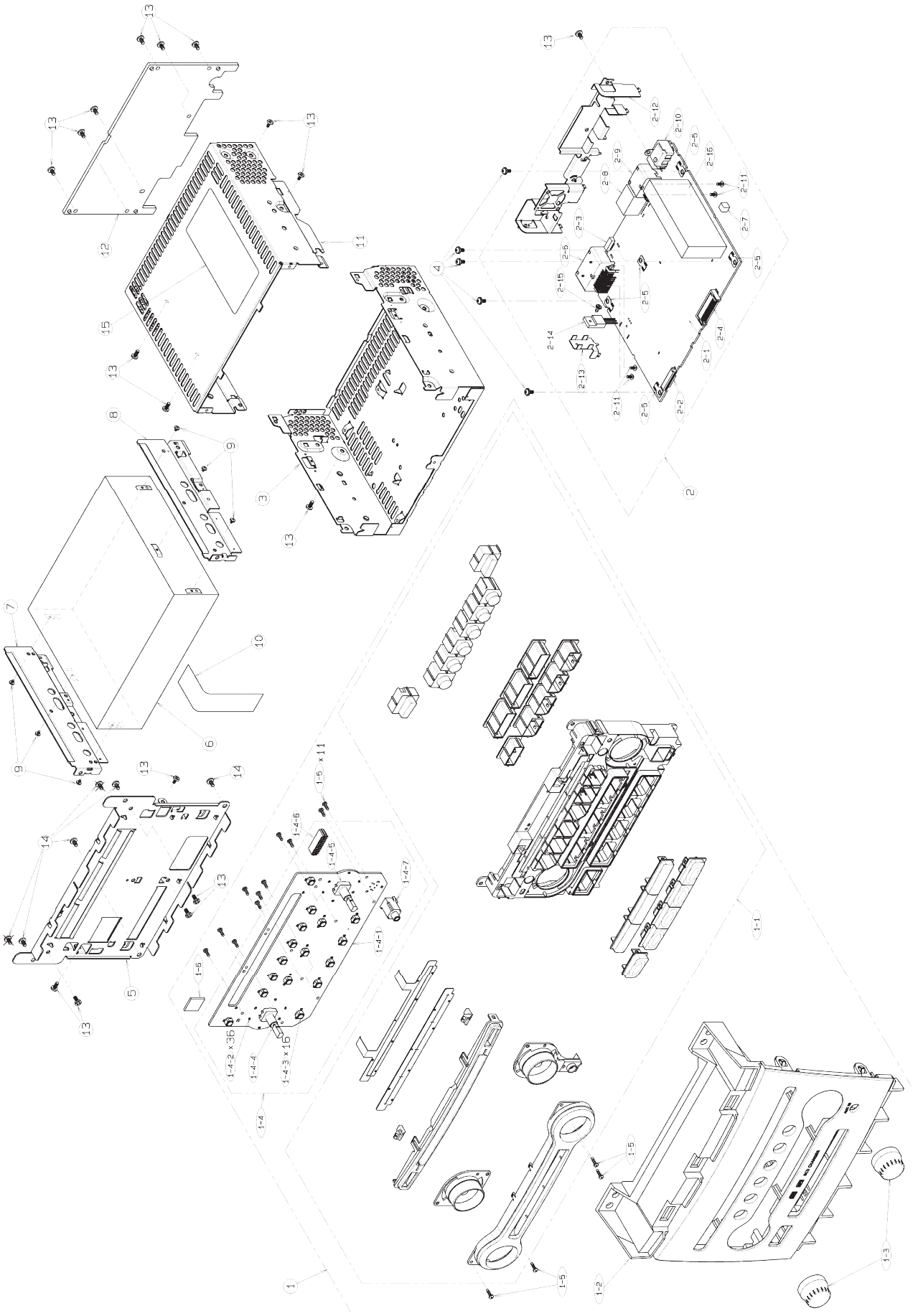
# EXPLODED VIEW / PARTS LIST



| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 1 | ---------- | ESCUTCHEON-ASSY | 1 |
| 1-1 | 947-0695-32 | BACK PLATE-ASSY | 1 |
| 1-2 | 370-6538-01<br>370-6538-02<br>370-6538-06<br>370-6538-07<br>370-6538-08 | ESCUTCHEON(PN3005DF)<br>ESCUTCHEON(PN3005DG)<br>ESCUTCHEON(PN3005DH)<br>ESCUTCHEON(PN3005DI)<br>ESCUTCHEON(PN3005DJ) | 1 |
| 1-3 | 380-5705-01 | KNOB | 2 |
| 1-4 | ---------- | SW-PWB-ASSY | 1 |
| 1-4-1 | ---------- | SW PWB | 1 |
| 1-4-2 | 001-7109-90 | DIODE | 36 |
| 1-4-3 | 013-6202-52 | TACT SWITCH | 16 |
| 1-4-4 | 016-0018-23 | VR W/SHAFT | 1 |
| 1-4-5 | 016-0024-07 | VR W/SHAFT | 1 |
| 1-4-6 | 074-3013-74 | OUTLET SOCKET | 1 |
| 1-4-7 | 075-0390-00 | JACK | 1 |
| 1-5 | 716-0778-52 | SPECIAL SCREW | 15 |
| 1-6 | 345-6126-00 | CUSHION RUBBER | 1 |
| 2 | ---------- | MAIN-PWB-ASSY | 1 |
| 2-1 | ---------- | MAIN PWB | 1 |
| 2-2 | 074-1237-69 | OUTLET SOCKET | 1 |
| 2-3 | 076-0478-59 | PLUG | 1 |
| 2-4 | 076-3011-74 | PLUG | 1 |
| 2-5 | 073-0762-90 | TERMINAL | 5 |
| 2-6 | 074-4009-20 | OUTLET SOCKET | 1 |
| 2-7 | 345-5805-51 | GASKET | 1 |

| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 2-8 | 074-1013-00 | OUTLET SOCKET | 1 |
| 2-9 | 074-1302-12 | OUTLET SOCKET | 1 |
| 2-10 | 092-2210-00 | ANT-RECEPT | 1 |
| 2-11 | 778-3006-00 | TAP-SCREW | 4 |
| 2-12 | 307-0731-00 | REAR PLATE | 1 |
| 2-13 | 331-4454-00 | TR-HOLDER | 1 |
| 2-14 | 051-3340-00 | IC | 1 |
| 2-15 | 716-1494-50 | IT SCREW | 1 |
| 2-16 | 880-2026L | TUNER PACK | 1 |
| 3 | 311-1914-00 | LOWER CASE | 1 |
| 4 | 716-0878-50 | SPECIAL SCREW | 5 |
| 5 | 309-0850-02 | ES-PLATE | 1 |
| 6 | 929-0410-80 | CD-CHANG-MODULE | 1 |
| 7 | 331-4091-10 | 6CD BRKT(L) | 1 |
| 8 | 331-4092-10 | 6CD BRKT(R) | 1 |
| 9 | 716-3552-00 | SPECIAL SCREW | 6 |
| 10 | 816-4024-50 | FLAT WIRE | 1 |
| 11 | 310-1823-10 | UPPER CASE | 1 |
| 12 | 307-0732-00 | REAR-CVR | 1 |
| 13 | 714-2606-8B | MACHINE SCREW | 17 |
| 14 | 716-1553-50 | SPECIAL SCREW | 4 |
| 15 | 276-0066-21<br>276-0066-22<br>276-0066-29<br>276-0066-30<br>276-0066-31 | SETPLATE(PN3005DF)<br>SETPLATE(PN3005DG)<br>SETPLATE(PN3005DH)<br>SETPLATE(PN3005DI)<br>SETPLATE(PN3005DJ) | 1 |

# ELECTRICAL PARTS LIST

## SW PWB(B2) section

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| D701 | 001-9210-50 | AVR-M1608C270MTA AD |
| D702 | 001-9210-50 | AVR-M1608C270MTA AD |
| D703 | 001-9210-50 | AVR-M1608C270MTA AD |
| D704 | 001-9210-50 | AVR-M1608C270MTA AD |
| D705 | 001-0516-90 | MA111 |
| D706 | 001-0516-90 | MA111 |
| D707 | 001-0516-90 | MA111 |
| D708 | 001-0516-90 | MA111 |
| D709 | 001-0516-90 | MA111 |
| D710 | 001-0516-90 | MA111 |
| D711 | 001-0516-90 | MA111 |
| D712 | 001-0516-90 | MA111 |
| D713 | 001-7109-90 | SML-311DTT86 ORG |
| D714 | 001-7109-90 | SML-311DTT86 ORG |
| D715 | 001-7109-90 | SML-311DTT86 ORG |
| D716 | 001-7109-90 | SML-311DTT86 ORG |
| D717 | 001-7109-90 | SML-311DTT86 ORG |
| D720 | 001-7109-90 | SML-311DTT86 ORG |
| D721 | 001-7109-90 | SML-311DTT86 ORG |
| D722 | 001-7109-90 | SML-311DTT86 ORG |
| D723 | 001-7109-90 | SML-311DTT86 ORG |
| D724 | 001-7109-90 | SML-311DTT86 ORG |
| D725 | 001-7109-90 | SML-311DTT86 ORG |
| D728 | 001-7109-90 | SML-311DTT86 ORG |
| D729 | 001-7109-90 | SML-311DTT86 ORG |
| D730 | 001-7109-90 | SML-311DTT86 ORG |
| D731 | 001-7109-90 | SML-311DTT86 ORG |
| D736 | 001-7109-90 | SML-311DTT86 ORG |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| D737 | 001-7109-90 | SML-311DTT86 ORG |
| D738 | 001-7109-90 | SML-311DTT86 ORG |
| D739 | 001-7109-90 | SML-311DTT86 ORG |
| D740 | 001-7109-90 | SML-311DTT86 ORG |
| D741 | 001-7109-90 | SML-311DTT86 ORG |
| D743 | 001-7109-90 | SML-311DTT86 ORG |
| D744 | 001-7109-90 | SML-311DTT86 ORG |
| D745 | 001-7109-90 | SML-311DTT86 ORG |
| D746 | 001-7109-90 | SML-311DTT86 ORG |
| D748 | 001-7109-90 | SML-311DTT86 ORG |
| D749 | 001-7109-90 | SML-311DTT86 ORG |
| D750 | 001-7109-90 | SML-311DTT86 ORG |
| D751 | 001-7109-90 | SML-311DTT86 ORG |
| D753 | 001-7109-90 | SML-311DTT86 ORG |
| D754 | 001-7109-90 | SML-311DTT86 ORG |
| D756 | 001-7109-90 | SML-311DTT86 ORG |
| D757 | 001-7109-90 | SML-311DTT86 ORG |
| D758 | 001-7109-90 | SML-311DTT86 ORG |
| D759 | 001-7109-90 | SML-311DTT86 ORG |
| D760 | 001-0516-90 | MA111 |
| D761 | 001-0516-90 | MA111 |
| D762 | 001-7109-90 | SML-311DTT86 ORG |
| J701 | 075-0390-00 | JACK |
| J702 | 074-3013-74 | 24P |
| R701 | 116-3321-15 | 1/4W 3.3k ohm |
| R705 | 116-1021-15 | 1/4W 1k ohm |
| R706 | 116-1821-15 | 1/4W 1.8k ohm |
| R707 | 116-2221-15 | 1/4W 2.2k ohm |
| R709 | 116-2721-15 | 1/4W 2.7k ohm |
| R710 | 116-2221-15 | 1/4W 2.2k ohm |
| R711 | 116-4711-15 | 1/4W 470 ohm |
| R713 | 116-2221-15 | 1/4W 2.2k ohm |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| R714 | 116-1521-15 | 1/4W 1.5k ohm |
| R715 | 116-1521-15 | 1/4W 1.5k ohm |
| R716 | 116-1521-15 | 1/4W 1.5k ohm |
| R717 | 116-1821-15 | 1/4W 1.8k ohm |
| R718 | 116-1821-15 | 1/4W 1.8k ohm |
| R719 | 116-1821-15 | 1/4W 1.8k ohm |
| R720 | 116-1221-15 | 1/4W 1.2k ohm |
| R721 | 116-1221-15 | 1/4W 1.2k ohm |
| R722 | 116-1221-15 | 1/4W 1.2k ohm |
| R723 | 116-1221-15 | 1/4W 1.2k ohm |
| R724 | 116-1521-15 | 1/4W 1.5k ohm |
| S701 | 013-6202-52 | SKPMBJE010 |
| S702 | 013-6202-52 | SKPMBJE010 |
| S703 | 013-6202-52 | SKPMBJE010 |
| S704 | 013-6202-52 | SKPMBJE010 |
| S705 | 013-6202-52 | SKPMBJE010 |
| S706 | 013-6202-52 | SKPMBJE010 |
| S707 | 013-6202-52 | SKPMBJE010 |
| S708 | 013-6202-52 | SKPMBJE010 |
| S709 | 013-6202-52 | SKPMBJE010 |
| S710 | 013-6202-52 | SKPMBJE010 |
| S711 | 013-6202-52 | SKPMBJE010 |
| S712 | 013-6202-52 | SKPMBJE010 |
| S713 | 013-6202-52 | SKPMBJE010 |
| S714 | 013-6202-52 | SKPMBJE010 |
| S715 | 013-6202-52 | SKPMBJE010 |
| S716 | 013-6202-52 | SKPMBJE010 |
| VR701 | 016-0018-23 | ROTALY ENCODER |
| VR702 | 016-0024-07 | ROTALY ENCODER |
| PWB | 039-3156-01 | PWB(WITHOUT CO MPONENTS) |

MAIN PWB(B1) section

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| ANT101 | 092-2210-00 | ANTENNA RECEPT |
| BL101 | 880-2026L | TUNER |
| C101 | 168-2222-55 | 2200pF K |
| C103 | 166-1511-50 | 150pF CH |
| C105 | 163-1063-35 | 16V 10uF |
| C106 | 166-2201-50 | 22pF CH |
| C107 | 043-0319-51 | 200pF J CH |
| C108 | 168-2222-55 | 2200pF K |
| C109 | 168-1022-55 | 1000pF K |
| C110 | 168-1022-55 | 1000pF K |
| C111 | 168-1022-55 | 1000pF K |
| C112 | 168-1022-55 | 1000pF K |
| C113 | 163-1073-35 | 16V 100uF |
| C114 | 168-2222-55 | 2200pF K |
| C115 | 168-1022-55 | 1000pF K |
| C116 | 168-1022-55 | 1000pF K |
| C117 | 168-1022-55 | 1000pF K |
| C118 | 163-1073-35 | 16V 100uF |
| C119 | 163-4763-35 | 16V 47uF |
| C120 | 168-1042-78 | 16V 0.1uF K |
| C121 | 168-1042-78 | 16V 0.1uF K |
| C123 | 163-1073-35 | 16V 100uF |
| C124 | 163-1063-35 | 16V 10uF |
| C202 | 178-1052-78 | 25V 1uF |
| C203 | 178-3342-78 | 0.33uF |
| C205 | 163-2273-25 | 10V 220uF |
| C206 | 168-1042-78 | 16V 0.1uF K |
| C207 | 042-0579-51 | 16V 10uF |
| C208 | 042-0579-51 | 16V 10uF |
| C209 | 168-1042-78 | 16V 0.1uF K |
| C210 | 163-3373-15 | 6.3V 330uF |
| C301 | 166-1811-50 | 180pF CH |
| C302 | 168-1042-78 | 16V 0.1uF K |
| C303 | 163-4753-65 | 50V 4.7uF |
| C306 | 168-1042-78 | 16V 0.1uF K |
| C307 | 168-1042-78 | 16V 0.1uF K |
| C308 | 166-8097-50 | 8pF +/-0.5pF CH |
| C309 | 166-8097-50 | 8pF +/-0.5pF CH |
| C310 | 168-1022-55 | 1000pF K |
| C311 | 168-1022-55 | 1000pF K |
| C312 | 168-1022-55 | 1000pF K |
| C313 | 168-1022-55 | 1000pF K |
| C316 | 168-1022-55 | 1000pF K |
| C317 | 168-1022-55 | 1000pF K |
| C318 | 168-1042-78 | 16V 0.1uF K |
| C319 | 163-4753-65 | 50V 4.7uF |
| C320 | 168-1042-78 | 16V 0.1uF K |
| C321 | 163-4753-65 | 50V 4.7uF |
| C324 | 168-1022-55 | 1000pF K |
| C325 | 168-2222-55 | 2200pF K |
| C326 | 163-2273-25 | 10V 220uF |
| C327 | 168-4732-78 | 0.047uF K |
| C328 | 163-2263-35 | 16V 22uF |
| C329 | 168-1042-78 | 16V 0.1uF K |
| C330 | 163-3373-15 | 6.3V 330uF |
| C331 | 168-1042-78 | 16V 0.1uF K |
| C332 | 166-1011-50 | 100pF CH |
| C333 | 168-1042-78 | 16V 0.1uF K |
| C334 | 163-1063-35 | 16V 10uF |
| C335 | 168-1022-55 | 1000pF K |
| C336 | 178-1052-78 | 25V 1uF |
| C337 | 168-3332-78 | 0.033uF K |
| C338 | 168-1022-55 | 1000pF K |
| C340 | 168-1022-55 | 1000pF K |
| C343 | 168-4712-55 | 470pF K |
| C344 | 168-1022-55 | 1000pF K |
| C345 | 163-2263-35 | 16V 22uF |
| C346 | 163-1073-15 | 6.3V 100uF |
| C348 | 168-3322-55 | 3300pF K |
| C349 | 168-3322-55 | 3300pF K |
| C350 | 168-3322-55 | 3300pF K |
| C351 | 168-3322-55 | 3300pF K |
| C352 | 168-1042-78 | 16V 0.1uF K |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| C353 | 042-0643-58 | 6.3V 330uF |
| C355 | 168-2222-55 | 2200pF K |
| C356 | 168-2222-55 | 2200pF K |
| C357 | 168-2222-55 | 2200pF K |
| C358 | 168-2222-55 | 2200pF K |
| C359 | 163-1073-15 | 6.3V 100uF |
| C401 | 168-1042-78 | 16V 0.1uF K |
| C402 | 168-1042-78 | 16V 0.1uF K |
| C403 | 166-2201-50 | 22pF CH |
| C404 | 166-2201-50 | 22pF CH |
| C405 | 168-4722-55 | 4700pF K |
| C406 | 166-1201-50 | 12pF CH |
| C407 | 166-1201-50 | 12pF CH |
| C408 | 168-1042-78 | 16V 0.1uF K |
| C409 | 163-4763-15 | 6.3V 47uF |
| C410 | 168-1042-78 | 16V 0.1uF K |
| C411 | 168-1042-78 | 16V 0.1uF K |
| C412 | 168-1032-55 | 0.01uF K |
| C413 | 166-1011-50 | 100pF CH |
| C414 | 166-1011-50 | 100pF CH |
| C415 | 163-4763-35 | 16V 47uF |
| C416 | 043-0548-50 | 10V 2.2uF |
| C417 | 043-0548-50 | 10V 2.2uF |
| C418 | 166-2201-50 | 22pF CH |
| C419 | 166-2201-50 | 22pF CH |
| C420 | 166-2201-50 | 22pF CH |
| C421 | 166-2201-50 | 22pF CH |
| C422 | 166-2201-50 | 22pF CH |
| C423 | 166-2201-50 | 22pF CH |
| C424 | 166-1801-50 | 18pF CH |
| C425 | 043-0548-50 | 10V 2.2uF |
| C426 | 043-0548-50 | 10V 2.2uF |
| C427 | 043-0548-50 | 10V 2.2uF |
| C428 | 043-0548-50 | 10V 2.2uF |
| C429 | 168-1032-55 | 0.01uF K |
| C501 | 168-1042-78 | 16V 0.1uF K |
| C502 | 168-1042-78 | 16V 0.1uF K |
| C503 | 168-1042-78 | 16V 0.1uF K |
| C504 | 168-1042-78 | 16V 0.1uF K |
| C505 | 166-5611-50 | 560pF CH |
| C506 | 166-5611-50 | 560pF CH |
| C507 | 166-5611-50 | 560pF CH |
| C508 | 178-3342-78 | 0.33uF |
| C509 | 166-5611-50 | 560pF CH |
| C510 | 163-1073-15 | 6.3V 100uF |
| C511 | 166-2201-50 | 22pF CH |
| C512 | 166-2201-50 | 22pF CH |
| C513 | 168-1042-78 | 16V 0.1uF K |
| C514 | 168-1022-55 | 1000pF K |
| C515 | 166-2201-50 | 22pF CH |
| C516 | 166-2201-50 | 22pF CH |
| C517 | 166-5611-50 | 560pF CH |
| C518 | 166-5611-50 | 560pF CH |
| C519 | 166-5611-50 | 560pF CH |
| C520 | 166-5611-50 | 560pF CH |
| C521 | 163-4763-35 | 16V 47uF |
| C522 | 163-2273-25 | 10V 220uF |
| C523 | 166-2201-50 | 22pF CH |
| C524 | 168-2212-55 | 220pF K |
| C525 | 163-1073-35 | 16V 100uF |
| C526 | 042-0592-61 | 16V 47uF |
| C527 | 042-0592-61 | 16V 47uF |
| C528 | 163-4763-35 | 16V 47uF |
| C545 | 043-0566-90 | 50V 2.2uF K |
| C546 | 043-0604-90 | 25V 10uF B |
| C547 | 189-1083-32 | 16V 1000uF |
| C549 | 043-0499-51 | 50V 0.1uF J |
| C550 | 178-4742-78 | 0.47uF |
| C551 | 168-1042-38 | 50V 0.1uF K |
| C552 | 168-2222-55 | 2200pF K |
| C553 | 168-2222-55 | 2200pF K |
| C554 | 168-2222-55 | 2200pF K |
| C556 | 168-2222-55 | 2200pF K |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| C557 | 168-2222-55 | 2200pF K |
| C558 | 168-2222-55 | 2200pF K |
| C559 | 168-2222-55 | 2200pF K |
| C560 | 168-1522-55 | 1500pF K |
| C561 | 168-2222-55 | 2200pF K |
| C562 | 168-2222-55 | 2200pF K |
| C563 | 168-6822-55 | 6800pF K |
| C564 | 166-2201-50 | 22pF CH |
| C565 | 178-1052-78 | 25V 1uF |
| C566 | 168-1042-78 | 16V 0.1uF K |
| C567 | 163-1063-35 | 16V 10uF |
| C568 | 168-2232-55 | 0.022uF K |
| C569 | 163-3373-15 | 6.3V 330uF |
| C570 | 168-1022-55 | 1000pF K |
| C601 | 163-1063-35 | 16V 10uF |
| C602 | 163-1063-35 | 16V 10uF |
| C603 | 163-1063-35 | 16V 10uF |
| C604 | 163-1063-35 | 16V 10uF |
| C605 | 168-3332-78 | 0.033uF K |
| C606 | 168-3332-78 | 0.033uF K |
| C607 | 168-2232-55 | 0.022uF K |
| C608 | 168-1042-78 | 16V 0.1uF K |
| C609 | 168-4722-55 | 4700pF K |
| C610 | 168-4722-55 | 4700pF K |
| C611 | 168-1022-55 | 1000pF K |
| C612 | 168-1022-55 | 1000pF K |
| C613 | 168-1022-55 | 1000pF K |
| C617 | 168-1022-55 | 1000pF K |
| C618 | 168-1022-55 | 1000pF K |
| C701 | 043-0548-50 | 10V 2.2uF |
| C702 | 043-0548-50 | 10V 2.2uF |
| C703 | 166-5601-50 | 56pF CH |
| C704 | 166-5601-50 | 56pF CH |
| C709 | 166-5601-50 | 56pF CH |
| C710 | 166-5601-50 | 56pF CH |
| C711 | 043-0548-50 | 10V 2.2uF |
| C712 | 043-0548-50 | 10V 2.2uF |
| C713 | 166-5601-50 | 56pF CH |
| C714 | 166-5601-50 | 56pF CH |
| C719 | 166-5601-50 | 56pF CH |
| C720 | 166-5601-50 | 56pF CH |
| C721 | 163-3363-25 | 10V 33uF |
| C722 | 163-3363-25 | 10V 33uF |
| C723 | 163-3363-25 | 10V 33uF |
| C724 | 163-3363-25 | 10V 33uF |
| C725 | 163-3363-25 | 10V 33uF |
| C726 | 163-3363-25 | 10V 33uF |
| C727 | 163-3363-25 | 10V 33uF |
| C728 | 163-3363-25 | 10V 33uF |
| CCT401 | 050-0145-52 | 1/16W 1k ohm x4 |
| CCT402 | 050-0145-52 | 1/16W 1k ohm x4 |
| CCT403 | 050-0145-52 | 1/16W 1k ohm x4 |
| D101 | 001-0580-90 | 1SS352 |
| D102 | 001-0580-90 | 1SS352 |
| D103 | 001-0529-47 | MA8091-M |
| D201 | 001-2412-90 | RR264M-400 |
| D502 | 001-0529-48 | MA8091-H |
| D503 | 001-0580-90 | 1SS352 |
| D504 | 001-0580-90 | 1SS352 |
| D505 | 001-0580-90 | 1SS352 |
| D506 | 001-2640-90 | D1FJ4 |
| D508 | 001-2015-00 | RL253 |
| D509 | 001-2412-90 | RR264M-400 |
| D510 | 001-0529-48 | MA8091-H |
| D511 | 001-4301-68 | HZU18B1 |
| D512 | 001-0580-90 | 1SS352 |
| D513 | 001-4301-68 | HZU18B1 |
| D514 | 001-4301-68 | HZU18B1 |
| D515 | 001-0529-34 | MA8062-L |
| D516 | 001-0580-90 | 1SS352 |
| D517 | 001-0580-90 | 1SS352 |
| D601 | 001-0580-90 | 1SS352 |
| D602 | 001-0529-44 | MA8082-M |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| D605 | 001-4305-39 | UDZSTE-17 36B |
| D606 | 001-0580-90 | 1SS352 |
| D607 | 001-0580-90 | 1SS352 |
| D609 | 001-4305-39 | UDZSTE-17 36B |
| D610 | 001-4305-39 | UDZSTE-17 36B |
| IC101 | 051-3341-90 | BD3931FP |
| IC201 | 051-3516-90 | S-1132B33-U5T1G |
| IC202 | 051-3340-00 | LD1085P |
| IC301 | ---------- | SAF7730HV/N317F |
| | | (670630-051) |
| | | (type center pad) |
| IC401 | ---------- | BR24L16FVM-WTR |
| | | (942490-051) |
| | | (E2PROM : Software |
| | | should be written on p |
| | | roduction) |
| IC402 | ---------- | M30876FJAGP VIRGI |
| | | N-TYP |
| | | (031510-052) |
| | | (flash : Software shou |
| | | ld be written on produ |
| | | ction) |
| IC403 | 051-6607-08 | PCA82C250T-T |
| IC404 | 051-5417-38 | R3112N271A-TR-FA |
| IC405 | 051-3034-90 | NJM4558V |
| IC406 | 051-6212-08 | LC72191JM-TLM |
| IC501 | 051-3396-90 | NJM2386ADL3-33-TE |
| | | 1 |
| IC502 | 051-3019-90 | NJM2060V |
| IC503 | 051-3034-90 | NJM4558V |
| IC505 | 051-3517-90 | LT3481EMSE#TRPB |
| | | F |
| IC506 | 051-5441-08 | BD4828G-TR |
| IC701 | 051-3019-90 | NJM2060V |
| IC702 | 051-3019-90 | NJM2060V |
| J201 | 074-1237-69 | 19P |
| J501 | 074-4009-20 | 20P |
| J601 | 074-1013-00 | 12P |
| J602 | 074-1302-12 | 12P |
| L101 | 010-2003-04 | 30uH |
| L102 | 010-4011-20 | 2.5mH +3/-3% |
| L301 | 010-3104-54 | 600 ohm/100MHz |
| L302 | 010-3103-50 | 1500 ohm/100MHz |
| L303 | 010-3104-54 | 600 ohm/100MHz |
| L304 | 010-3104-54 | 600 ohm/100MHz |
| L305 | 010-3103-50 | 1500 ohm/100MHz |
| L306 | 010-3104-54 | 600 ohm/100MHz |
| L307 | 010-3103-50 | 1500 ohm/100MHz |
| L308 | 010-3104-54 | 600 ohm/100MHz |
| L309 | 010-3104-54 | 600 ohm/100MHz |
| L310 | 010-3104-54 | 600 ohm/100MHz |
| L311 | 010-3103-50 | 1500 ohm/100MHz |
| L312 | 010-3104-54 | 600 ohm/100MHz |
| L313 | 010-3104-54 | 600 ohm/100MHz |
| L402 | 010-3406-66 | 22uH J |
| L403 | 010-3406-54 | 2.2uH J |
| L404 | 010-3601-50 | 600 ohm/100MHz |
| L501 | 010-3104-54 | 600 ohm/100MHz |
| L502 | 010-3104-54 | 600 ohm/100MHz |
| L503 | 010-3414-90 | 6.8uH |
| L504 | 010-8045-00 | 520uH |
| P401 | 076-0478-59 | 9P |
| P402 | 076-3011-74 | 24P |
| Q101 | 190-2060-00 | 2SA2060 |
| Q102 | 125-2026-95 | UNR521NG |
| Q105 | 192-5886-00 | 2SC5886 |
| Q201 | 192-4081-00 | 2SC4081 |
| Q202 | 125-0021-91 | DTA114EUA |
| Q203 | 125-2027-91 | DTC114EUA |
| Q204 | 198-3018-00 | 2SK3018 |
| Q205 | 198-3018-00 | 2SK3018 |
| Q206 | 125-9017-92 | UMD3N-TR |
| Q301 | 125-7007-90 | Si5441BDC-TI-E3 |
| Q302 | 125-2027-91 | DTC114EUA |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| Q305 | 125-2027-91 | DTC114EUA |
| Q308 | 125-2027-91 | DTC114EUA |
| Q501 | 190-1586-00 | 2SA1586 O,Y,G |
| Q502 | 125-2027-91 | DTC114EUA |
| Q503 | 193-1664-00 | 2SD1664 |
| Q504 | 192-4116-51 | 2SC4116 G,L |
| Q505 | 191-1204-61 | 2SB1204 R,S,T |
| Q506 | 125-9017-92 | UMD3N-TR |
| Q507 | 125-2027-91 | DTC114EUA |
| Q508 | 191-1197-50 | 2SB1197K Q,R |
| Q509 | 125-2027-91 | DTC114EUA |
| Q512 | 192-4081-00 | 2SC4081 |
| Q513 | 192-4081-00 | 2SC4081 |
| Q514 | 125-2027-91 | DTC114EUA |
| Q516 | 192-4081-00 | 2SC4081 |
| Q601 | 125-0006-90 | UNR2110 |
| Q602 | 125-2027-91 | DTC114EUA |
| Q603 | 192-4081-00 | 2SC4081 |
| Q604 | 192-4081-00 | 2SC4081 |
| Q605 | 192-4081-00 | 2SC4081 |
| Q607 | 125-0021-91 | DTA114EUA |
| Q610 | 125-2027-91 | DTC114EUA |
| Q611 | 192-4081-00 | 2SC4081 |
| Q612 | 192-4081-00 | 2SC4081 |
| Q613 | 125-0021-91 | DTA114EUA |
| Q614 | 125-0021-91 | DTA114EUA |
| R102 | 116-1091-15 | 1/4W 1 ohm |
| R104 | 116-1221-15 | 1/4W 1.2k ohm |
| R105 | 119-1031-15 | 1/10W 10k ohm |
| R106 | 119-0000-05 | 1/10W 0 ohm JW |
| R107 | 119-0000-05 | 1/10W 0 ohm JW |
| R110 | 119-1011-15 | 1/10W 100 ohm |
| R111 | 119-1011-15 | 1/10W 100 ohm |
| R112 | 119-1011-15 | 1/10W 100 ohm |
| R115 | 119-1011-15 | 1/10W 100 ohm |
| R116 | 119-1011-15 | 1/10W 100 ohm |
| R117 | 119-1011-15 | 1/10W 100 ohm |
| R118 | 116-1091-15 | 1/4W 1 ohm |
| R119 | 116-3911-15 | 1/4W 390 ohm |
| R206 | 119-1021-15 | 1/10W 1k ohm |
| R207 | 119-3331-15 | 1/10W 33k ohm |
| R208 | 119-4731-15 | 1/10W 47k ohm |
| R209 | 119-1041-15 | 1/10W 100k ohm |
| R210 | 119-4721-15 | 1/10W 4.7k ohm |
| R212 | 119-4721-15 | 1/10W 4.7k ohm |
| R213 | 119-4721-15 | 1/10W 4.7k ohm |
| R214 | 119-4721-15 | 1/10W 4.7k ohm |
| R216 | 032-0140-98 | 1/10W 330 ohm F |
| R217 | 032-0140-93 | 1/10W 2k ohm F |
| R301 | 119-1031-15 | 1/10W 10k ohm |
| R302 | 119-2201-15 | 1/10W 22 ohm |
| R303 | 119-1031-15 | 1/10W 10k ohm |
| R304 | 119-0000-05 | 1/10W 0 ohm JW |
| R305 | 119-0000-05 | 1/10W 0 ohm JW |
| R306 | 119-0000-05 | 1/10W 0 ohm JW |
| R307 | 119-0000-05 | 1/10W 0 ohm JW |
| R308 | 032-0140-80 | 1/10W 18k ohm F |
| R309 | 032-0140-80 | 1/10W 18k ohm F |
| R310 | 032-0140-80 | 1/10W 18k ohm F |
| R311 | 032-0140-80 | 1/10W 18k ohm F |
| R312 | 119-1011-15 | 1/10W 100 ohm |
| R313 | 119-1031-15 | 1/10W 10k ohm |
| R314 | 119-1021-15 | 1/10W 1k ohm |
| R315 | 119-1021-15 | 1/10W 1k ohm |
| R316 | 119-3921-15 | 1/10W 3.9k ohm |
| R317 | 119-1041-15 | 1/10W 100k ohm |
| R318 | 119-3921-15 | 1/10W 3.9k ohm |
| R319 | 119-1041-15 | 1/10W 100k ohm |
| R320 | 119-0000-05 | 1/10W 0 ohm JW |
| R321 | 119-1041-15 | 1/10W 100k ohm |
| R322 | 119-1041-15 | 1/10W 100k ohm |
| R323 | 119-1041-15 | 1/10W 100k ohm |
| R324 | 119-1041-15 | 1/10W 100k ohm |
| R325 | 119-3921-15 | 1/10W 3.9k ohm |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| R326 | 119-1001-15 | 1/10W 10 ohm |
| R327 | 119-3921-15 | 1/10W 3.9k ohm |
| R328 | 119-1021-15 | 1/10W 1k ohm |
| R329 | 119-0000-05 | 1/10W 0 ohm JW |
| R330 | 119-0000-05 | 1/10W 0 ohm JW |
| R331 | 032-0140-50 | 1/10W 10k ohm F |
| R332 | 032-0140-50 | 1/10W 10k ohm F |
| R333 | 032-0140-50 | 1/10W 10k ohm F |
| R334 | 032-0140-50 | 1/10W 10k ohm F |
| R335 | 032-0140-50 | 1/10W 10k ohm F |
| R336 | 032-0140-50 | 1/10W 10k ohm F |
| R337 | 119-1041-15 | 1/10W 100k ohm |
| R338 | 119-1041-15 | 1/10W 100k ohm |
| R339 | 119-1031-15 | 1/10W 10k ohm |
| R340 | 119-1031-15 | 1/10W 10k ohm |
| R341 | 119-1011-15 | 1/10W 100 ohm |
| R342 | 119-1011-15 | 1/10W 100 ohm |
| R343 | 119-0000-05 | 1/10W 0 ohm JW |
| R344 | 119-0000-05 | 1/10W 0 ohm JW |
| R345 | 119-0000-05 | 1/10W 0 ohm JW |
| R347 | 119-0000-05 | 1/10W 0 ohm JW |
| R348 | 119-4731-15 | 1/10W 47k ohm |
| R349 | 119-1031-15 | 1/10W 10k ohm |
| R350 | 119-0000-05 | 1/10W 0 ohm JW |
| R351 | 119-4731-15 | 1/10W 47k ohm |
| R352 | 119-1021-15 | 1/10W 1k ohm |
| R353 | 119-1021-15 | 1/10W 1k ohm |
| R354 | 119-1021-15 | 1/10W 1k ohm |
| R355 | 119-1021-15 | 1/10W 1k ohm |
| R356 | 119-4731-15 | 1/10W 47k ohm |
| R357 | 119-4731-15 | 1/10W 47k ohm |
| R358 | 119-1001-15 | 1/10W 10 ohm |
| R359 | 119-4731-15 | 1/10W 47k ohm |
| R360 | 119-4731-15 | 1/10W 47k ohm |
| R361 | 119-4731-15 | 1/10W 47k ohm |
| R362 | 119-4731-15 | 1/10W 47k ohm |
| R401 | 119-1021-15 | 1/10W 1k ohm |
| R402 | 119-1021-15 | 1/10W 1k ohm |
| R403 | 119-1021-15 | 1/10W 1k ohm |
| R404 | 119-1021-15 | 1/10W 1k ohm |
| R405 | 119-0000-05 | 1/10W 0 ohm JW |
| R406 | 119-1021-15 | 1/10W 1k ohm |
| R407 | 119-1021-15 | 1/10W 1k ohm |
| R408 | 119-1021-15 | 1/10W 1k ohm |
| R409 | 119-4731-15 | 1/10W 47k ohm |
| R410 | 119-4731-15 | 1/10W 47k ohm |
| R411 | 119-4721-15 | 1/10W 4.7k ohm |
| R412 | 119-4731-15 | 1/10W 47k ohm |
| R413 | 119-4731-15 | 1/10W 47k ohm |
| R414 | 119-4711-15 | 1/10W 470 ohm |
| R415 | 119-4711-15 | 1/10W 470 ohm |
| R416 | 119-4721-15 | 1/10W 4.7k ohm |
| R417 | 119-4721-15 | 1/10W 4.7k ohm |
| R418 | 119-4721-15 | 1/10W 4.7k ohm |
| R419 | 119-4721-15 | 1/10W 4.7k ohm |
| R420 | 119-1041-15 | 1/10W 100k ohm |
| R421 | 119-1041-15 | 1/10W 100k ohm |
| R424 | 119-1011-15 | 1/10W 100 ohm |
| R425 | 119-1011-15 | 1/10W 100 ohm |
| R426 | 119-1011-15 | 1/10W 100 ohm |
| R427 | 119-1011-15 | 1/10W 100 ohm |
| R428 | 119-1031-15 | 1/10W 10k ohm |
| R429 | 119-1031-15 | 1/10W 10k ohm |
| R430 | 119-4721-15 | 1/10W 4.7k ohm |
| R431 | 119-1021-15 | 1/10W 1k ohm |
| R432 | 119-1021-15 | 1/10W 1k ohm |
| R433 | 119-4721-15 | 1/10W 4.7k ohm |
| R434 | 119-1021-15 | 1/10W 1k ohm |
| R435 | 116-6201-15 | 1/4W 62 ohm |
| R436 | 119-1031-15 | 1/10W 10k ohm |
| R437 | 116-6201-15 | 1/4W 62 ohm |
| R438 | 119-4731-15 | 1/10W 47k ohm |
| R439 | 119-1021-15 | 1/10W 1k ohm |
| R440 | 119-1021-15 | 1/10W 1k ohm |

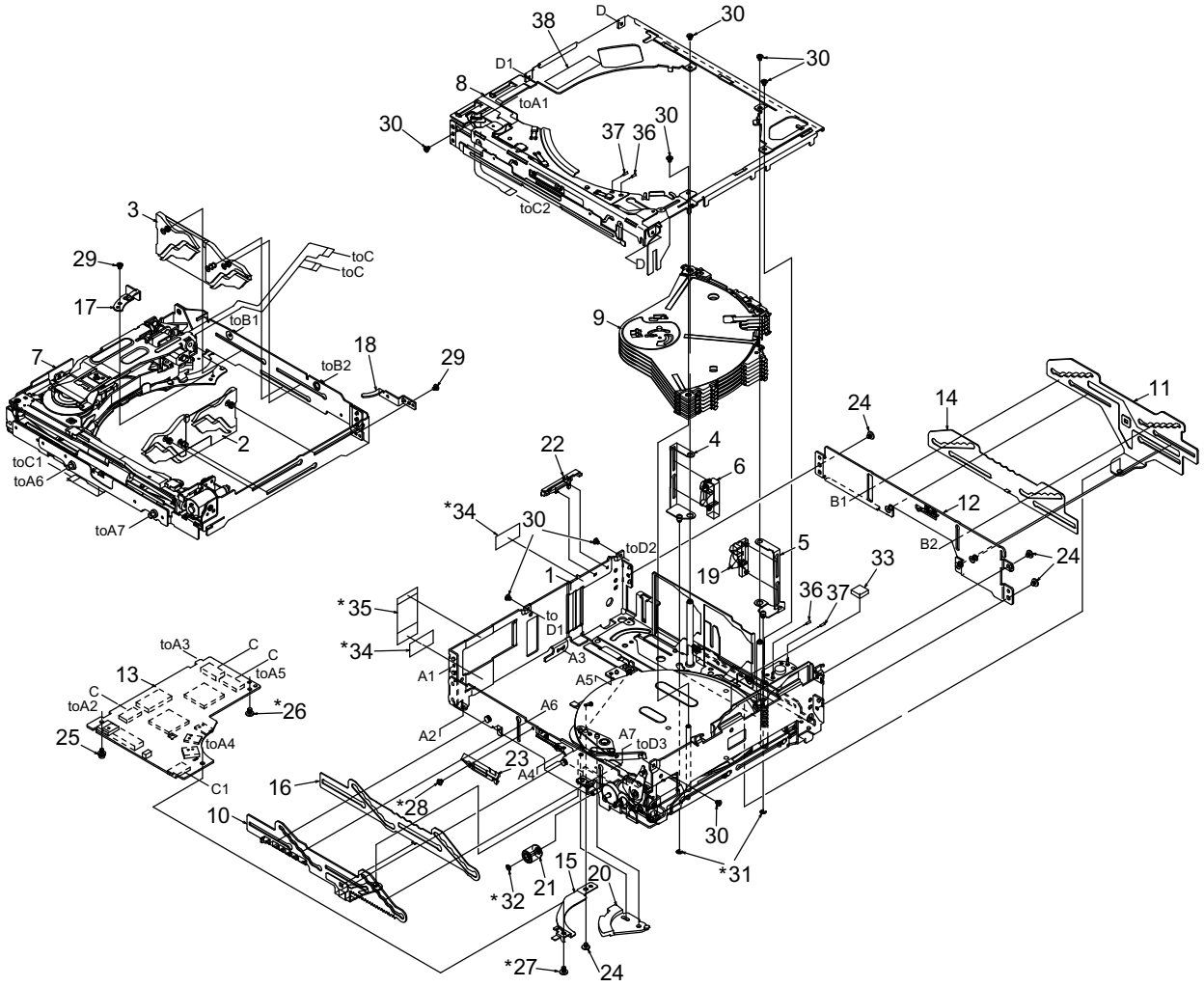
| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| R441 | 119-0000-05 | 1/10W 0 ohm JW |
| R443 | 119-1031-15 | 1/10W 10k ohm |
| R444 | 119-4731-15 | 1/10W 47k ohm |
| R445 | 119-1031-15 | 1/10W 10k ohm |
| R446 | 119-4731-15 | 1/10W 47k ohm |
| R447 | 119-1021-15 | 1/10W 1k ohm |
| R448 | 119-4731-15 | 1/10W 47k ohm |
| R449 | 119-4731-15 | 1/10W 47k ohm |
| R450 | 119-4731-15 | 1/10W 47k ohm |
| R451 | 119-4731-15 | 1/10W 47k ohm |
| R452 | 119-4731-15 | 1/10W 47k ohm |
| R453 | 119-1011-15 | 1/10W 100 ohm |
| R454 | 119-1011-15 | 1/10W 100 ohm |
| R456 | 119-4721-15 | 1/10W 4.7k ohm |
| R457 | 119-4721-15 | 1/10W 4.7k ohm |
| R458 | 119-1041-15 | 1/10W 100k ohm |
| R459 | 119-1011-15 | 1/10W 100 ohm |
| R461 | 119-2231-15 | 1/10W 22k ohm |
| R462 | 119-1041-15 | 1/10W 100k ohm |
| R466 | 032-0140-15 | 1/10W 6.8k ohm F |
| R467 | 032-0140-15 | 1/10W 6.8k ohm F |
| R468 | 119-4731-15 | 1/10W 47k ohm |
| R469 | 032-0140-15 | 1/10W 6.8k ohm F |
| R470 | 032-0140-15 | 1/10W 6.8k ohm F |
| R471 | 032-0140-50 | 1/10W 10k ohm F |
| R472 | 032-0140-50 | 1/10W 10k ohm F |
| R473 | 032-0140-50 | 1/10W 10k ohm F |
| R474 | 032-0140-50 | 1/10W 10k ohm F |
| R475 | 119-1031-15 | 1/10W 10k ohm |
| R476 | 119-1031-15 | 1/10W 10k ohm |
| R495 | 119-4731-15 | 1/10W 47k ohm |
| R496 | 119-4731-15 | 1/10W 47k ohm |
| R497 | 119-4731-15 | 1/10W 47k ohm |
| R498 | 119-4731-15 | 1/10W 47k ohm |
| R499 | 119-1011-15 | 1/10W 100 ohm |
| R501 | 119-1031-15 | 1/10W 10k ohm |
| R502 | 119-1031-15 | 1/10W 10k ohm |
| R503 | 119-1031-15 | 1/10W 10k ohm |
| R504 | 119-1031-15 | 1/10W 10k ohm |
| R505 | 119-1031-15 | 1/10W 10k ohm |
| R506 | 119-1031-15 | 1/10W 10k ohm |
| R507 | 119-1031-15 | 1/10W 10k ohm |
| R508 | 119-1031-15 | 1/10W 10k ohm |
| R509 | 119-1031-15 | 1/10W 10k ohm |
| R510 | 119-1031-15 | 1/10W 10k ohm |
| R511 | 119-1051-15 | 1/10W 1M ohm |
| R512 | 119-1051-15 | 1/10W 1M ohm |
| R513 | 119-1051-15 | 1/10W 1M ohm |
| R514 | 119-1051-15 | 1/10W 1M ohm |
| R515 | 119-1031-15 | 1/10W 10k ohm |
| R516 | 119-1031-15 | 1/10W 10k ohm |
| R517 | 119-1031-15 | 1/10W 10k ohm |
| R518 | 119-1031-15 | 1/10W 10k ohm |
| R519 | 119-1031-15 | 1/10W 10k ohm |
| R520 | 119-1031-15 | 1/10W 10k ohm |
| R521 | 119-1031-15 | 1/10W 10k ohm |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| R522 | 119-1031-15 | 1/10W 10k ohm |
| R523 | 119-1031-15 | 1/10W 10k ohm |
| R524 | 119-1031-15 | 1/10W 10k ohm |
| R526 | 116-3911-15 | 1/4W 390 ohm |
| R527 | 116-1221-15 | 1/4W 1.2k ohm |
| R528 | 116-8211-15 | 1/4W 820 ohm |
| R529 | 116-1221-15 | 1/4W 1.2k ohm |
| R530 | 116-1221-15 | 1/4W 1.2k ohm |
| R531 | 119-1031-15 | 1/10W 10k ohm |
| R532 | 116-8211-15 | 1/4W 820 ohm |
| R533 | 119-1031-15 | 1/10W 10k ohm |
| R534 | 116-1221-15 | 1/4W 1.2k ohm |
| R535 | 119-4721-15 | 1/10W 4.7k ohm |
| R536 | 119-4731-15 | 1/10W 47k ohm |
| R537 | 116-4721-15 | 1/4W 4.7k ohm |
| R538 | 119-2731-15 | 1/10W 27k ohm |
| R540 | 119-1521-15 | 1/10W 1.5k ohm |
| R541 | 119-1031-15 | 1/10W 10k ohm |
| R542 | 032-0140-03 | 1/10W 220k ohm F |
| R543 | 032-0140-19 | 1/10W 75k ohm F |
| R548 | 119-2241-15 | 1/10W 220k ohm |
| R551 | 119-1031-15 | 1/10W 10k ohm |
| R552 | 032-0140-16 | 1/10W 180k ohm F |
| R553 | 032-0148-50 | 1/10W 100k ohm D |
| R554 | 032-0140-51 | 1/10W 15k ohm F |
| R555 | 116-2721-15 | 1/4W 2.7k ohm |
| R556 | 116-1531-15 | 1/4W 15k ohm |
| R558 | 119-2221-15 | 1/10W 2.2k ohm |
| R559 | 116-1531-15 | 1/4W 15k ohm |
| R560 | 116-4791-15 | 1/4W 4.7 ohm |
| R561 | 116-4791-15 | 1/4W 4.7 ohm |
| R562 | 119-1031-15 | 1/10W 10k ohm |
| R564 | 119-5611-15 | 1/10W 560 ohm |
| R565 | 119-1031-15 | 1/10W 10k ohm |
| R566 | 119-3321-15 | 1/10W 3.3k ohm |
| R567 | 119-2231-15 | 1/10W 22k ohm |
| R569 | 119-0000-05 | 1/10W 0 ohm JW |
| R570 | 116-8211-15 | 1/4W 820 ohm |
| R575 | 119-0000-05 | 1/10W 0 ohm JW |
| R576 | 119-7531-15 | 1/10W 75k ohm |
| R577 | 119-4731-15 | 1/10W 47k ohm |
| R601 | 119-3011-15 | 1/10W 300 ohm |
| R602 | 119-3011-15 | 1/10W 300 ohm |
| R603 | 119-3011-15 | 1/10W 300 ohm |
| R604 | 032-0140-89 | 1/10W 47k ohm F |
| R605 | 032-0140-89 | 1/10W 47k ohm F |
| R606 | 119-1031-15 | 1/10W 10k ohm |
| R607 | 119-1021-15 | 1/10W 1k ohm |
| R608 | 119-6821-15 | 1/10W 6.8k ohm |
| R609 | 119-5621-15 | 1/10W 5.6k ohm |
| R610 | 119-5621-15 | 1/10W 5.6k ohm |
| R612 | 119-5631-15 | 1/10W 56k ohm |
| R613 | 119-5631-15 | 1/10W 56k ohm |
| R615 | 119-4731-15 | 1/10W 47k ohm |
| R616 | 119-1031-15 | 1/10W 10k ohm |
| R617 | 119-1031-15 | 1/10W 10k ohm |

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| R623 | 119-5631-15 | 1/10W 56k ohm |
| R624 | 119-1031-15 | 1/10W 10k ohm |
| R625 | 119-2231-15 | 1/10W 22k ohm |
| R626 | 119-4731-15 | 1/10W 47k ohm |
| R628 | 119-5621-15 | 1/10W 5.6k ohm |
| R629 | 119-5621-15 | 1/10W 5.6k ohm |
| R630 | 119-1021-15 | 1/10W 1k ohm |
| R631 | 119-1021-15 | 1/10W 1k ohm |
| R701 | 119-3321-15 | 1/10W 3.3k ohm |
| R702 | 119-2231-15 | 1/10W 22k ohm |
| R703 | 119-1531-15 | 1/10W 15k ohm |
| R704 | 117-3301-15 | 1/8W 33 ohm |
| R705 | 117-3301-15 | 1/8W 33 ohm |
| R706 | 119-1531-15 | 1/10W 15k ohm |
| R707 | 119-2231-15 | 1/10W 22k ohm |
| R708 | 119-3321-15 | 1/10W 3.3k ohm |
| R709 | 119-5631-15 | 1/10W 56k ohm |
| R710 | 119-5631-15 | 1/10W 56k ohm |
| R711 | 119-1031-15 | 1/10W 10k ohm |
| R712 | 119-1031-15 | 1/10W 10k ohm |
| R713 | 119-2231-15 | 1/10W 22k ohm |
| R714 | 117-3301-15 | 1/8W 33 ohm |
| R715 | 117-3301-15 | 1/8W 33 ohm |
| R716 | 119-2231-15 | 1/10W 22k ohm |
| R717 | 119-3321-15 | 1/10W 3.3k ohm |
| R718 | 119-2231-15 | 1/10W 22k ohm |
| R719 | 119-1531-15 | 1/10W 15k ohm |
| R720 | 117-3301-15 | 1/8W 33 ohm |
| R721 | 117-3301-15 | 1/8W 33 ohm |
| R722 | 119-1531-15 | 1/10W 15k ohm |
| R723 | 119-2231-15 | 1/10W 22k ohm |
| R724 | 119-3321-15 | 1/10W 3.3k ohm |
| R725 | 119-5631-15 | 1/10W 56k ohm |
| R726 | 119-5631-15 | 1/10W 56k ohm |
| R727 | 119-1031-15 | 1/10W 10k ohm |
| R728 | 119-1031-15 | 1/10W 10k ohm |
| R729 | 119-2231-15 | 1/10W 22k ohm |
| R730 | 117-3301-15 | 1/8W 33 ohm |
| R731 | 117-3301-15 | 1/8W 33 ohm |
| R732 | 119-2231-15 | 1/10W 22k ohm |
| SUP101 | 060-0122-91 | DSP-141N-S00B |
| SUP102 | 060-0122-91 | DSP-141N-S00B |
| TC401 | 004-1580-10 | 30pF GRN |
| TH101 | 002-0229-00 | PTH8L05BAIR8M1B |
| TM101 | 073-0762-90 | TERMINAL |
| TM102 | 073-0762-90 | TERMINAL |
| TM501 | 073-0762-90 | TERMINAL |
| TM502 | 073-0762-90 | TERMINAL |
| TM601 | 073-0762-90 | TERMINAL |
| X301 | 061-3537-90 | 41.6MHz |
| X401 | 061-3541-90 | 10.00MHz |
| X402 | 061-1066-00 | 7.2MHz |
| PWB | 039-3204-00 | PWB(WITHOUT CO MPONENTS) |

# EXPLODED VIEW/PARTS LIST

Main section

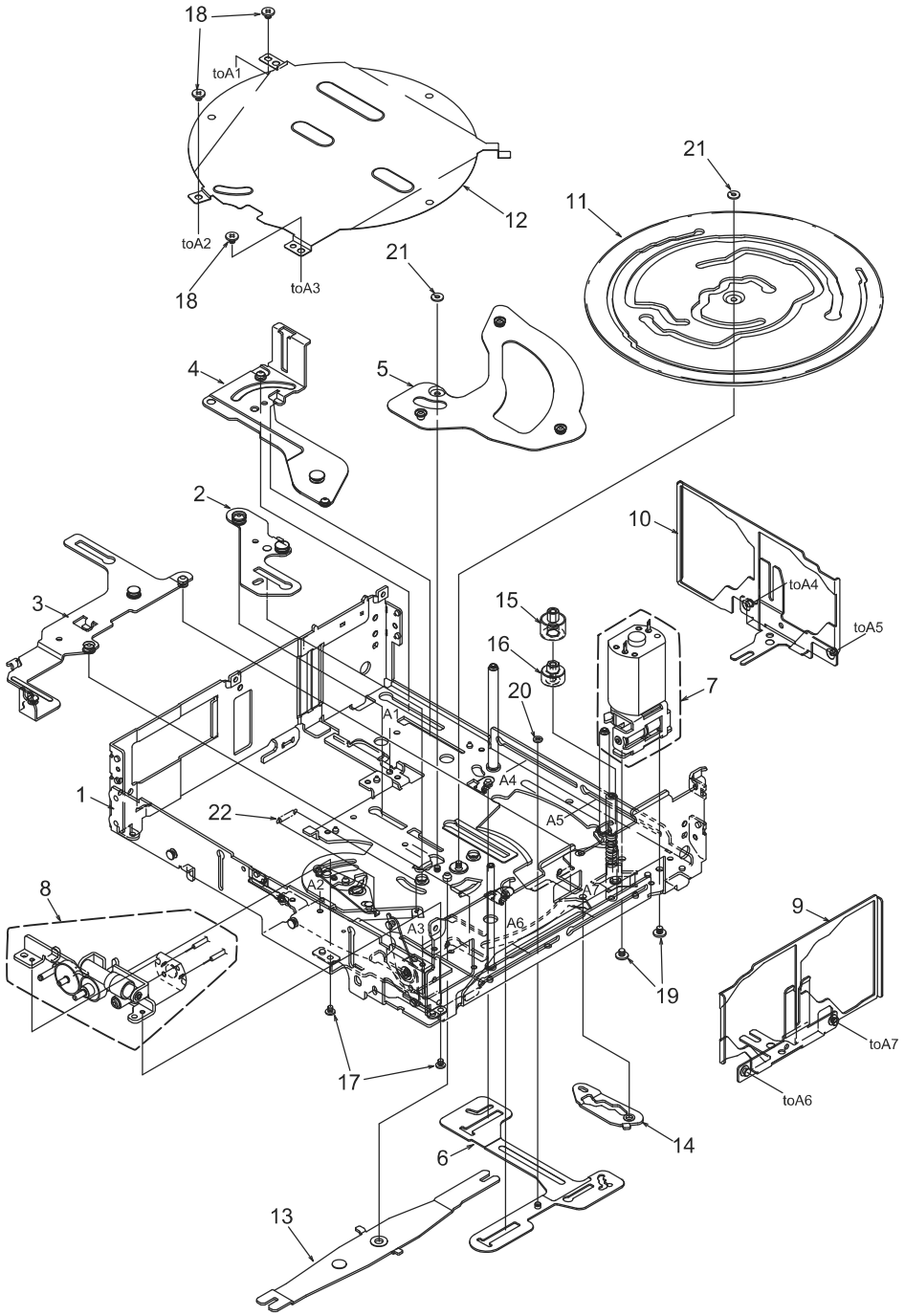



* Do not reuse the following parts.
(No.26,27,28,32,31,34,35)

| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 1 | ---------- | LOWER UNIT ASSY | 1 |
| 2 | HBS-617-100 | KUSABI-ASSY-S | 1 |
| 3 | HBS-618-100 | KUSABI-ASSY-R | 1 |
| 4 | 966-1846-20 | DS-SP-ASSY L | 1 |
| 5 | 966-1847-21 | DS-SP ASSY R | 1 |
| 6 | 966-1898-21 | DISC STP-ASSY L | 1 |
| 7 | 966-1899-20 | DRIVE-CH UNIT | 1 |
| 8 | 966-1840-23 | UPPER UNIT ASSY | 1 |
| 9 | HBS-602-100 | DISCHOLDER UNIT | 1 |
| 10 | 966-1771-21 | SLIDE-P-ASSY | 1 |
| 11 | 966-1814-21 | SLIDE-P-ASSY-R | 1 |
| 12 | 966-1874-20 | REAR-P-ASSY R | 1 |
| 13 | HBS-658-100 | CD PWB ASSY | 1 |
| 14 | 620-1662-21 | GAP PLATE R | 1 |
| 15 | 620-1640-20 | SW-H-PLATE | 1 |
| 16 | 620-1778-21 | GAP PLATE F | 1 |
| 17 | 620-1685-21 | DS-PLATE L | 1 |
| 18 | 620-1686-20 | DS-PLATE R | 1 |
| 19 | 621-1819-20 | DISC STOPPER R | 1 |

| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 20 | 621-1812-20 | SW LINK | 1 |
| 21 | 621-1765-21 | UD-GEAR-D | 1 |
| 22 | 621-1715-20 | FPC-STOPPER | 1 |
| 23 | 621-1763-20 | LOADING GUIDE B | 1 |
| 24 | 716-1850-01 | SCREW(M2.0x2) | 4 |
| 25 | 716-3598-00 | SCREW(M2.0x4) | 1 |
| 26 | 716-3599-00 | SCREW(M2.0x2 sealock) | 1 |
| 27 | 716-3600-00 | SCREW(M2.0x3 sealock) | 1 |
| 28 | 716-3601-00 | SCREW(M1.7x2 sealock) | 1 |
| 29 | 716-3450-00 | SCREW(M1.7x2.0) | 2 |
| 30 | 716-3451-01 | SCREW(M1.7x2.5) | 8 |
| 31 | 744-0045-01 | C-RING | 2 |
| 32 | 746-0761-00 | WASHER | 1 |
| 33 | 345-5824-00 | RUBBER PART | 1 |
| 34 | 347-8230-00 | PROTECT SHEET | 2 |
| 35 | 347-8219-00 | FPC-SHEET N | 1 |
| 36 | 800-4921-60 | VINYL-COAT-WIRE | 1 |
| 37 | 802-4921-60 | VINYL-COAT-WIRE | 1 |
| 38 | 293-8575-00 | MECH LABEL | 1 |

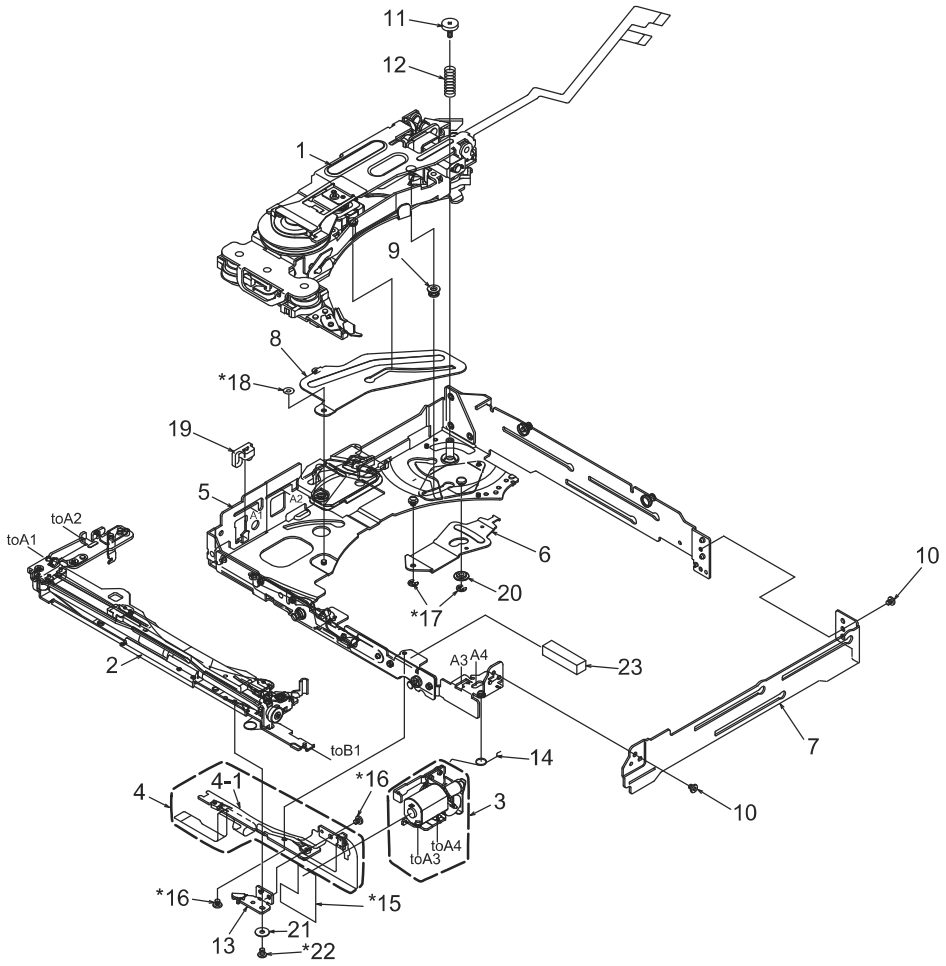
Lower unit assy section




| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 1 | 966-1834-24 | LOWER-C-ASSY | 1 |
| 2 | 966-0658-22 | DH-SP-ASSY | 1 |
| 3 | 966-1836-22 | TATSU-P-ASSY | 1 |
| 4 | 966-1832-20 | D-SHT PL-B-ASSY | 1 |
| 5 | 966-0659-22 | DH-SP-ASSY B | 1 |
| 6 | 966-1835-24 | DS-SP-ASSY | 1 |
| 7 | HBS-622-100 | M-MTR SUB ASSY | 1 |
| 8 | HBS-616-100 | UD-MOTOR-ASSY | 1 |
| 9 | 966-1872-20 | INITIAL ASSY S | 1 |
| 10 | 966-1873-20 | INITIAL ASSY R | 1 |
| 11 | 620-1623-24 | CAM GEAR | 1 |

| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 12 | 620-1624-24 | GEAR COVER | 1 |
| 13 | 620-1848-21 | UD LINK | 1 |
| 14 | 620-1869-20 | DS-SHIFT LINK | 1 |
| 15 | 621-1811-21 | M-GEAR B | 1 |
| 16 | 621-0733-21 | M-GEAR C | 1 |
| 17 | 716-3451-01 | SCREW(M1.7x2.5) | 2 |
| 18 | 716-1850-01 | SCREW(M2.0x2.0) | 3 |
| 19 | 716-1851-03 | SCREW(M2.0x3.0) | 2 |
| 20 | 746-0870-00 | WASHER | 1 |
| 21 | 746-0768-00 | WASHER | 2 |
| 22 | 750-6756-21 | SW-L-SPRING | 1 |

Drive-CH unit section

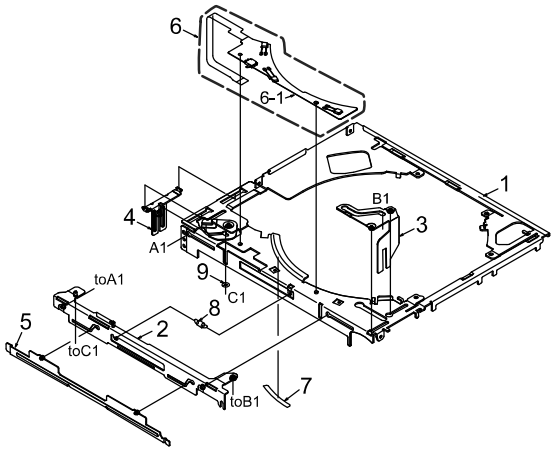



* Do not reuse the following parts.
(No.15,16,17,18,22)

| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 1 | HBS-656-100 | N-DRIVE UNIT | 1 |
| 2 | HBS-612-100 | LOADING-U-ASSY | 1 |
| 3 | HBS-615-100 | LO-MOTOR-S-ASSY | 1 |
| 4 | HBS-614-100 | L-SEN-FPC-ASSY | 1 |
| 4-1 | ---------- | SENSOR-L-FPC | 1 |
| 5 | 966-1828-22 | DRIVE-CH A-ASSY | 1 |
| 6 | 620-1838-21 | D-SHIFT LINK A | 1 |
| 7 | 620-1837-20 | DRIVE CHASSIS B | 1 |
| 8 | 620-1836-20 | DR-SUPPORT-PL | 1 |
| 9 | 622-1743-21 | D-SHIFT ROLLER B | 1 |
| 10 | 716-3450-00 | SCREW(M1.7x2) | 2 |
| 11 | 716-3603-00 | SCREW(M1.7x5) | 1 |

| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 12 | 750-6852-20 | DRIVE SPRING A | 1 |
| 13 | 620-1831-21 | S-PWB PLATE | 1 |
| 14 | 750-6754-20 | LO-ES-SPRING B | 1 |
| 15 | 345-5424-01 | SEN-FPC GUIDE | 1 |
| 16 | 716-3601-00 | SCREW(M1.7x2 sealock) | 2 |
| 17 | 743-1500-1B | E-RING | 2 |
| 18 | 746-0870-00 | WASHER | 1 |
| 19 | 621-1807-00 | RUBBER PART | 1 |
| 20 | 622-1850-20 | D-SHIFT ROLLERE | 1 |
| 21 | 347-8392-00 | FPC WASHER | 1 |
| 22 | 716-3451-02 | SCREW(M1.7x2.5 sealock) | 1 |
| 23 | 345-5868-01 | RUBBER PART | 1 |

Upper unit assy section




* Do not reuse the following parts.
(No.6,7,9)

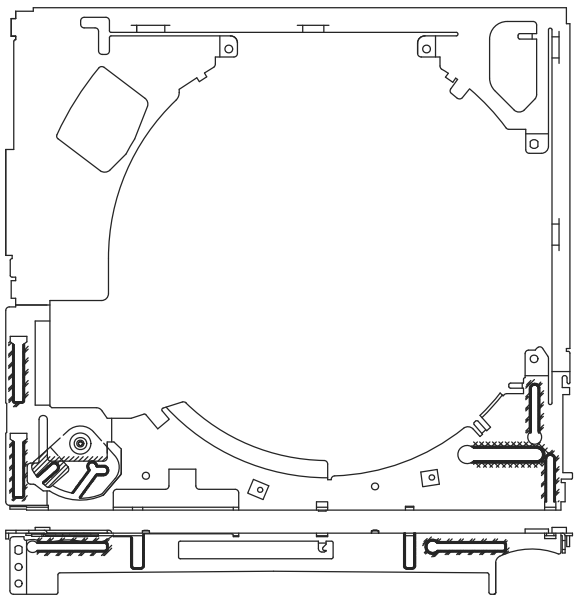
| NO. | PART NO. | DESCRIPTION | Q'TY |
|---|---|---|---|
| 1 | 966-1823-21 | UPPER-CHA-ASSY | 1 |
| 2 | 966-1824-20 | LO-SHIFT A ASSY | 1 |
| 3 | 966-1791-20 | LO-SHIFT B ASSY | 1 |
| 4 | 966-1825-20 | LO-SHIFT C ASSY | 1 |
| 5 | 966-1826-20 | SHUTTER ASSY | 1 |
| 6 | HBS-613-100 | U-SEN-FPC-ASSY | 1 |
| 6-1 | ---------- | SENSOR-U-FPC | 1 |
| 7 | 347-8216-00 | RATTLE SHEET | 1 |
| 8 | 750-6850-21 | SHUTTER SPRING | 1 |
| 9 | 746-0870-00 | WASHER | 1 |

**[Grease Point]**

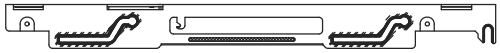
* Grease : SANKOL FG-87HSR

| | |
|---|---|
| Put grease on the surface | |
| Put grease on the reverse side | |
| Put grease on the both sides | |
| Put grease on the edge | |

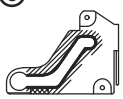
①



②



③



④



⑤



# ELECTRICAL PARTS LIST

## CD PWB(BM1) section

* The parts of the same reference number are alternative

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| C1 | 168-1052-78 | 16V 1uF K |
| C3 | 168-1042-78 | 16V 0.1uF K |
| C4 | 043-0559-90 | 6.3V 22uF |
| C5 | 168-1032-55 | 0.01uF K |
| C6 | 042-1702-90 | 6.3V 100uF |
| C7 | 168-1052-78 | 16V 1uF K |
| C9 | 168-1052-78 | 16V 1uF K |
| C11 | 168-1052-78 | 16V 1uF K |
| C12 | 042-0671-01 | 10V 47uF TA |
| C13 | 168-1052-78 | 16V 1uF K |
| C14 | 168-1042-78 | 16V 0.1uF K |
| C15 | 168-1052-78 | 16V 1uF K |
| C16 | 043-0559-90 | 6.3V 22uF |
| C17 | 168-1032-55 | 0.01uF K |
| C18 | 168-1052-78 | 16V 1uF K |
| C19 | 043-0559-90 | 6.3V 22uF |
| C20 | 168-1042-78 | 16V 0.1uF K |
| C21 | 168-1032-55 | 0.01uF K |
| C23 | 043-0559-90 | 6.3V 22uF |
| C24 | 043-0559-90 | 6.3V 22uF |
| C25 | 168-4732-78 | 0.047uF K |
| C26 | 166-4711-50 | 470pF CH |
| C28 | 168-4732-78 | 0.047uF K |
| C29 | 166-4711-50 | 470pF CH |
| C30 | 166-1007-50 | 10pF CH |
| C31 | 166-1007-50 | 10pF CH |
| C32 | 168-1042-78 | 16V 0.1uF K |
| C33 | 168-2222-55 | 2200pF K |
| C34 | 168-1042-78 | 16V 0.1uF K |
| C35 | 168-1042-78 | 16V 0.1uF K |
| C36 | 168-1042-78 | 16V 0.1uF K |
| C37 | 168-6822-55 | 6800pF K |
| C39 | 168-1042-78 | 16V 0.1uF K |
| C40 | 168-3332-78 | 0.033uF K |
| C41 | 168-1042-78 | 16V 0.1uF K |
| C42 | 168-1042-78 | 16V 0.1uF K |
| C43 | 168-1042-78 | 16V 0.1uF K |
| C45 | 168-1042-78 | 16V 0.1uF K |
| C46 | 168-1042-78 | 16V 0.1uF K |
| C48 | 168-1042-78 | 16V 0.1uF K |
| C49 | 168-1042-78 | 16V 0.1uF K |
| C50 | 168-1042-78 | 16V 0.1uF K |
| C51 | 168-1042-78 | 16V 0.1uF K |
| C52 | 168-5622-55 | 5600pF K |
| C53 | 168-1042-78 | 16V 0.1uF K |
| C54 | 166-6801-50 | 68pF CH |
| C55 | 168-1532-55 | 0.015uF K |
| C56 | 168-1042-78 | 16V 0.1uF K |
| C57 | 168-1032-55 | 0.01uF K |
| C58 | 168-1042-78 | 16V 0.1uF K |
| C59 | 168-1042-78 | 16V 0.1uF K |
| C60 | 168-1522-55 | 1500pF K |
| C61 | 168-3322-55 | 3300pF K |
| C62 | 168-1032-55 | 0.01uF K |
| C64 | 168-1042-78 | 16V 0.1uF K |
| C65 | 168-1032-55 | 0.01uF K |
| C67 | 168-1032-55 | 0.01uF K |
| C69 | 168-1532-55 | 0.015uF K |
| C70 | 166-4701-50 | 47pF CH |
| C71 | 168-1042-78 | 16V 0.1uF K |
| C72 | 168-1042-78 | 16V 0.1uF K |
| C74 | 166-6097-50 | 6pF CH |
| C75 | 168-1042-78 | 16V 0.1uF K |
| C76 | 168-5622-55 | 5600pF K |
| C77 | 168-1032-55 | 0.01uF K |
| C79 | 166-1501-50 | 15pF CH |
| C80 | 166-1501-50 | 15pF CH |
| C81 | 168-3332-78 | 0.033uF K |
| C101 | 043-0563-90 | 16V 47uF |
| CCT1 | 050-0145-59 | 1/16W 22 ohm x4 |
| CCT2 | 050-0145-54 | 1/16W 47k ohm x4 |
| CCT3 | 050-0145-54 | 1/16W 47k ohm x4 |
| CCT4 | 050-0145-55 | 1/16W 10k ohm x4 |
| CCT5 | 050-0140-55 | 1/32W 2.2k ohmx4J |
| D1 | 001-4301-14 | HZU 3.0B1 |
| D1 | 001-0529-14 | MA8030-L |
| D2 | 001-0367-91 | 1SS226 |
| D3 | 001-4301-13 | HZU 2.7B2 |
| D3 | 001-0529-13 | MA8027H-TX |
| D4 | 001-4301-18 | HZU 3.6B1 |
| D4 | 001-0529-18 | MA8036-L |
| D5 | 001-2612-90 | RB520S-30 |
| D6 | 001-2612-90 | RB520S-30 |
| D7 | 001-9210-50 | AVR-M1608C270MTAAD |
| D8 | 001-9210-50 | AVR-M1608C270MTAAD |
| IC2 | 052-5071-32 | TMP91CY22IFG-7BH6 |
| IC3 | 051-6733-30 | TC94A70FG-010 |
| IC4 | 051-6060-08 | BD7961FM-E2 |
| IC5 | 051-5445-08 | BD5227G-TR |
| IC8 | 051-9402-78 | BR93L56RFVM-W |
| IC9 | 051-6072-08 | BD7931FE2 |
| IC10 | 051-5833-00 | GP1S093HCZ |
| IC11 | 051-3392-90 | S-1323B15NB-N8ATFG |
| J1 | 074-1237-69 | 19P |
| J2 | 074-1201-65 | 15P |
| J3 | 074-1138-56 | 6P |
| J4 | 074-1100-61 | 11P |
| J5 | 074-1201-61 | 11P |
| Q1 | 060-0252-01 | PT4850F |
| Q2 | 125-0021-91 | DTA114EUA |
| Q3 | 198-3018-00 | 2SK3018 |
| Q4 | 190-2060-00 | 2SA2060 |
| Q8 | 190-2060-00 | 2SA2060 |
| Q9 | 125-9026-90 | IMF29 |
| Q10 | 125-2027-91 | DTC114EUA |
| Q11 | 125-0021-91 | DTA114EUA |
| Q12 | 125-2027-91 | DTC114EUA |
| Q13 | 125-9026-90 | IMF29 |
| R1 | 119-6811-15 | 1/10W 680 ohm |
| R2 | 119-6811-15 | 1/10W 680 ohm |
| R3 | 032-0163-91 | 1/2W 10 ohm |
| R4 | 032-0163-91 | 1/2W 10 ohm |
| R5 | 119-2231-15 | 1/10W 22k ohm |
| R6 | 116-1001-15 | 1/4W 10 ohm |
| R7 | 119-1021-15 | 1/10W 1k ohm |
| R8 | 116-1591-15 | 1/4W 1.5 ohm |
| R9 | 119-2231-15 | 1/10W 22k ohm |
| R10 | 119-4711-15 | 1/10W 470 ohm |
| R11 | 119-2211-15 | 1/10W 220 ohm |
| R12 | 119-6811-15 | 1/10W 680 ohm |
| R13 | 119-1011-15 | 1/10W 100 ohm |
| R14 | 119-2231-15 | 1/10W 22k ohm |
| R15 | 119-8231-15 | 1/10W 82k ohm |
| R16 | 119-1041-15 | 1/10W 100k ohm |
| R17 | 119-1041-15 | 1/10W 100k ohm |
| R18 | 119-1041-15 | 1/10W 100k ohm |
| R19 | 119-1041-15 | 1/10W 100k ohm |
| R20 | 119-1041-15 | 1/10W 100k ohm |
| R21 | 119-2221-15 | 1/10W 2.2k ohm |
| R22 | 119-4711-15 | 1/10W 470 ohm |
| R23 | 119-1051-15 | 1/10W 1M ohm |
| R24 | 119-2211-15 | 1/10W 220 ohm |
| R25 | 119-2211-15 | 1/10W 220 ohm |
| R26 | 119-1041-15 | 1/10W 100k ohm |
| R28 | 119-1041-15 | 1/10W 100k ohm |
| R29 | 119-1041-15 | 1/10W 100k ohm |
| R30 | 119-4701-15 | 1/10W 47 ohm |
| R31 | 119-2201-15 | 1/10W 22 ohm |
| R33 | 119-2211-15 | 1/10W 220 ohm |
| R35 | 119-1051-15 | 1/10W 1M ohm |
| R36 | 119-4721-15 | 1/10W 4.7k ohm |
| R37 | 119-4731-15 | 1/10W 47k ohm |
| R38 | 119-2231-15 | 1/10W 22k ohm |
| R39 | 119-1041-15 | 1/10W 100k ohm |
| R40 | 119-4721-15 | 1/10W 4.7k ohm |
| R41 | 119-4731-15 | 1/10W 47k ohm |
| R43 | 119-4731-15 | 1/10W 47k ohm |
| R44 | 119-2201-15 | 1/10W 22 ohm |
| R45 | 119-1511-15 | 1/10W 150 ohm |
| R46 | 119-4721-15 | 1/10W 4.7k ohm |
| R48 | 119-1041-15 | 1/10W 100k ohm |
| R49 | 119-0000-05 | 1/10W 0 ohm JW |
| R50 | 119-2211-15 | 1/10W 220 ohm |
| R51 | 119-0000-05 | 1/10W 0 ohm JW |
| R52 | 119-1041-15 | 1/10W 100k ohm |
| R53 | 119-5621-15 | 1/10W 5.6k ohm |
| R55 | 119-3341-15 | 1/10W 330k ohm |
| R56 | 119-4731-15 | 1/10W 47k ohm |
| R57 | 119-2231-15 | 1/10W 22k ohm |
| R58 | 119-0000-05 | 1/10W 0 ohm JW |
| R59 | 119-1511-15 | 1/10W 150 ohm |
| R60 | 119-4731-15 | 1/10W 47k ohm |
| R61 | 119-1041-15 | 1/10W 100k ohm |
| R62 | 119-1041-15 | 1/10W 100k ohm |
| R63 | 119-1041-15 | 1/10W 100k ohm |
| R64 | 119-1011-15 | 1/10W 100 ohm |
| R65 | 119-1041-15 | 1/10W 100k ohm |
| R66 | 117-5611-15 | 1/8W 560 ohm |
| R67 | 117-7511-15 | 1/8W 750 ohm |
| R68 | 117-7511-15 | 1/8W 750 ohm |
| R69 | 119-1041-15 | 1/10W 100k ohm |
| R81 | 116-1591-15 | 1/4W 1.5 ohm |
| R201 | 119-0000-05 | 1/10W 0 ohm JW |
| R212 | 119-1041-15 | 1/10W 100k ohm |
| S1 | 013-7416-50 | SPVL110200 |
| S2 | 013-7416-50 | SPVL110200 |
| S3 | 013-7412-50 | SPVG21 |
| S4 | 013-7415-50 | SPVG110400 |
| X1 | 061-3534-90 | 16.92MHz |
| X3 | 060-1545-90 | 20MHz |
| PWB | 039-3026-20 | PWB(WITHOUT COMPONENT) |

## Sensor-L-PFC(BM2) section

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| PT1 | 060-0252-01 | PT4850F |
| PT2 | 060-0252-01 | PT4850F |
| PT3 | 051-5833-00 | GP1S093HCZ |
| PWB | 039-3003-20 | PWB(WITHOUT COMPONENTS) |

## Sensor-U-PFC(BM3) section

| REF No. | PART No. | DESCRIPTION |
|---|---|---|
| LED1 | 001-7077-00 | GL4804 |
| LED2 | 001-7042-00 | GL4800 |
| LED3 | 001-7042-00 | GL4800 |
| S5 | 013-7417-50 | ABC1122P161 |
| PWB | 039-3004-20 | PWB(WITHOUT COMPONENTS) |