



| NO.   | PART NO.    | DESCRIPTION              | Q'TY |
|-------|-------------|--------------------------|------|
| 1     | -----       | PANEL-ASSY(3441B0-45)    | 1    |
| 1-1   | 947-0804-30 | BACK PLATE-ASSY          | 1    |
| 1-2   | 370-6597-01 | ESCUTCHEON               | 1    |
| 1-3   | 947-0778-00 | KNOB-ASSY                | 2    |
| 1-4   | -----       | SW-PWB-ASSY(3441A7-77)   | 1    |
| 1-4-1 | -----       | SW PWB(315601-039)       | 1    |
| 1-4-2 | 001-7109-90 | DIODE                    | 36   |
| 1-4-3 | 013-6202-52 | TACT SWITCH              | 16   |
| 1-4-4 | 016-0018-24 | VR W/SHAFT               | 1    |
| 1-4-5 | 016-0024-08 | 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    |
| 1-7   | 347-9071-01 | CUSHION SHEET            | 12   |
| 1-8   | 321-1057-00 | CLIP                     | 2    |
| 2     | -----       | MAIN-PWB-ASSY(3441B7-75) | 1    |
| 2-1   | -----       | MAIN PWB(379200-039)     | 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   | 074-4009-20 | OUTLET SOCKET            | 1    |
| 2-6   | 051-2067-00 | IC                       | 1    |
| 2-7   | 074-1013-00 | OUTLET SOCKET            | 1    |

| NO.  | PART NO.    | DESCRIPTION     | Q'TY |
|------|-------------|-----------------|------|
| 2-8  | 074-1302-12 | OUTLET SOCKET   | 1    |
| 2-9  | 092-2210-00 | ANT-RECEPT      | 1    |
| 2-10 | 778-3006-00 | TAP-SCREW       | 4    |
| 2-11 | 307-0731-00 | REAR PLATE      | 1    |
| 2-12 | 331-4454-00 | TR-HOLDER       | 1    |
| 2-13 | 051-3340-00 | IC              | 1    |
| 2-14 | 716-1494-50 | IT SCREW        | 1    |
| 2-15 | .880-2091L  | TUNER           | 1    |
| 3    | 311-1914-00 | LOWER CASE      | 1    |
| 4    | 716-0878-50 | SPECIAL SCREW   | 5    |
| 5    | 309-0846-00 | 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   | 313-1968-00 | HEAT SINK       | 1    |
| 13   | 735-2614-1B | D-SEMS SCREW    | 2    |
| 14   | 714-2606-8B | MACHINE SCREW   | 17   |
| 15   | 716-1553-50 | SPECIAL SCREW   | 4    |
| 16   | 276-0850-14 | SETPLATE        | 1    |
| 17   | 345-5805-51 | GASKET          | 1    |

# ELECTRICAL PARTS LIST

## MAIN PWB(B1) section

| REF No. | PART No.    | DESCRIPTION     | REF No. | PART No.    | DESCRIPTION | REF No. | PART No.    | DESCRIPTION     |
|---------|-------------|-----------------|---------|-------------|-------------|---------|-------------|-----------------|
| ANT101  | 092-2210-00 | ANTENNA RECEPT  | C343    | 168-4712-55 | 470pF K     | C531    | 168-1542-58 | 0.15uF K        |
| BL101   | .880-2091L  | AM/FM TUNER     | C344    | 168-1022-55 | 1000pF K    | C532    | 168-1542-58 | 0.15uF K        |
| C101    | 168-2222-55 | 2200pF K        | C345    | 163-2263-35 | 16V 22uF    | C533    | 168-1052-78 | 16V 1uF K       |
| C103    | 166-1801-50 | 18pF CH         | C348    | 168-3322-55 | 3300pF K    | C534    | 168-1542-58 | 0.15uF K        |
| C105    | 163-1063-35 | 16V 10uF        | C349    | 168-3322-55 | 3300pF K    | C535    | 168-1542-58 | 0.15uF K        |
| C106    | 166-1511-50 | 150pF CH        | C350    | 168-3322-55 | 3300pF K    | C536    | 168-1542-58 | 0.15uF K        |
| C107    | 168-1022-55 | 1000pF K        | C351    | 168-3322-55 | 3300pF K    | C537    | 168-1542-58 | 0.15uF K        |
| C109    | 168-5612-55 | 560pF Z         | C352    | 168-1022-55 | 1000pF K    | C538    | 042-1760-90 | 16V 10uF M      |
| C110    | 168-5612-55 | 560pF Z         | C353    | 042-0643-58 | 6.3V 330uF  | C543    | 178-2742-78 | 0.27uF          |
| C111    | 168-5612-55 | 560pF Z         | C355    | 168-2222-55 | 2200pF K    | C544    | 168-1052-78 | 16V 1uF K       |
| C112    | 043-0319-51 | 200pF J CH      | C356    | 168-2222-55 | 2200pF K    | C545    | 043-0566-90 | 50V 2.2uF K     |
| C113    | 166-2201-50 | 22pF CH         | C357    | 168-2222-55 | 2200pF K    | C546    | 043-0604-90 | 25V 10uF B      |
| C114    | 168-3912-55 | 390pF K         | C358    | 168-2222-55 | 2200pF K    | C547    | 042-1626-00 | 16V 3300uF      |
| C115    | 168-3912-55 | 390pF K         | C359    | 163-1073-15 | 6.3V 100uF  | C549    | 043-8000-90 | 50V 0.1uF       |
| C116    | 168-3912-55 | 390pF K         | C361    | 168-1042-78 | 16V 0.1uF K | C550    | 178-4742-78 | 0.47uF          |
| C118    | 168-1022-55 | 1000pF K        | C401    | 168-1042-78 | 16V 0.1uF K | C551    | 168-1042-38 | 50V 0.1uF K     |
| C119    | 163-4763-35 | 16V 47uF        | C402    | 168-1042-78 | 16V 0.1uF K | C553    | 168-6822-55 | 6800pF K        |
| C120    | 168-1042-78 | 16V 0.1uF K     | C403    | 166-2201-50 | 22pF CH     | C554    | 168-6822-55 | 6800pF K        |
| C121    | 168-1042-78 | 16V 0.1uF K     | C404    | 166-2201-50 | 22pF CH     | C556    | 168-6822-55 | 6800pF K        |
| C123    | 163-1073-35 | 16V 100uF       | C405    | 168-4722-55 | 4700pF K    | C557    | 168-6822-55 | 6800pF K        |
| C124    | 163-1063-35 | 16V 10uF        | C406    | 166-1201-50 | 12pF CH     | C558    | 168-6822-55 | 6800pF K        |
| C127    | 168-1022-55 | 1000pF K        | C407    | 166-1201-50 | 12pF CH     | C559    | 168-6822-55 | 6800pF K        |
| C129    | 168-1022-55 | 1000pF K        | C408    | 168-1042-78 | 16V 0.1uF K | C560    | 168-1522-55 | 1500pF K        |
| C132    | 168-1022-55 | 1000pF K        | C409    | 163-4763-15 | 6.3V 47uF   | C561    | 168-6822-55 | 6800pF K        |
| C135    | 168-1022-55 | 1000pF K        | C410    | 168-1042-78 | 16V 0.1uF K | C562    | 168-6822-55 | 6800pF K        |
| C136    | 163-1073-35 | 16V 100uF       | C411    | 168-1042-78 | 16V 0.1uF K | C563    | 168-6822-55 | 6800pF K        |
| C137    | 166-1801-50 | 18pF CH         | C412    | 168-1032-55 | 0.01uF K    | C564    | 166-2201-50 | 22pF CH         |
| C138    | 166-6801-50 | 68pF CH         | C413    | 166-1011-50 | 100pF CH    | C565    | 178-1052-78 | 25V 1uF         |
| C139    | 168-1022-55 | 1000pF K        | C414    | 166-1011-50 | 100pF CH    | C566    | 168-1042-78 | 16V 0.1uF K     |
| C140    | 163-1073-35 | 16V 100uF       | C415    | 163-4763-35 | 16V 47uF    | C567    | 163-1063-35 | 16V 10uF        |
| C141    | 168-2222-55 | 2200pF K        | C416    | 043-0548-50 | 10V 2.2uF   | C568    | 168-2232-55 | 0.022uF K       |
| C202    | 178-1052-78 | 25V 1uF         | C417    | 043-0548-50 | 10V 2.2uF   | C569    | 163-3373-15 | 6.3V 330uF      |
| C203    | 178-3342-78 | 0.33uF          | C418    | 166-2201-50 | 22pF CH     | C570    | 168-1022-55 | 1000pF K        |
| C205    | 163-2273-25 | 10V 220uF       | C419    | 166-2201-50 | 22pF CH     | C601    | 163-1063-35 | 16V 10uF        |
| C206    | 168-1042-78 | 16V 0.1uF K     | C420    | 166-2201-50 | 22pF CH     | C602    | 163-1063-35 | 16V 10uF        |
| C207    | 042-0579-51 | 16V 10uF        | C421    | 166-2201-50 | 22pF CH     | C603    | 163-1063-35 | 16V 10uF        |
| C208    | 042-0579-51 | 16V 10uF        | C422    | 166-2201-50 | 22pF CH     | C604    | 163-1063-35 | 16V 10uF        |
| C209    | 168-1042-78 | 16V 0.1uF K     | C423    | 166-2201-50 | 22pF CH     | C605    | 168-3332-78 | 0.033uF K       |
| C210    | 163-3373-15 | 6.3V 330uF      | C424    | 166-1801-50 | 18pF CH     | C606    | 168-3332-78 | 0.033uF K       |
| C301    | 166-1811-50 | 180pF CH        | C425    | 043-0548-50 | 10V 2.2uF   | C607    | 168-2232-55 | 0.022uF K       |
| C302    | 168-1042-78 | 16V 0.1uF K     | C426    | 043-0548-50 | 10V 2.2uF   | C608    | 168-1042-78 | 16V 0.1uF K     |
| C303    | 163-4753-65 | 50V 4.7uF       | C427    | 043-0548-50 | 10V 2.2uF   | C609    | 168-4722-55 | 4700pF K        |
| C304    | 168-1042-78 | 16V 0.1uF K     | C428    | 043-0548-50 | 10V 2.2uF   | C610    | 168-4722-55 | 4700pF K        |
| C305    | 168-1042-78 | 16V 0.1uF K     | C429    | 168-1032-55 | 0.01uF K    | C611    | 168-1022-55 | 1000pF K        |
| C306    | 168-1042-78 | 16V 0.1uF K     | C501    | 168-1042-78 | 16V 0.1uF K | C612    | 168-1022-55 | 1000pF K        |
| C307    | 168-1042-78 | 16V 0.1uF K     | C502    | 168-1042-78 | 16V 0.1uF K | C613    | 168-1022-55 | 1000pF K        |
| C308    | 166-8097-50 | 8pF +/-0.5pF CH | C503    | 168-1042-78 | 16V 0.1uF K | C617    | 168-1022-55 | 1000pF K        |
| C309    | 166-8097-50 | 8pF +/-0.5pF CH | C504    | 168-1042-78 | 16V 0.1uF K | C618    | 168-1022-55 | 1000pF K        |
| C311    | 168-1022-55 | 1000pF K        | C505    | 166-5611-50 | 560pF CH    | CCT401  | 050-0145-52 | 1/16W 1k ohm x4 |
| C312    | 168-1022-55 | 1000pF K        | C506    | 166-5611-50 | 560pF CH    | CCT402  | 050-0145-52 | 1/16W 1k ohm x4 |
| C313    | 168-1022-55 | 1000pF K        | C507    | 166-5611-50 | 560pF CH    | CCT403  | 050-0145-52 | 1/16W 1k ohm x4 |
| C316    | 168-1022-55 | 1000pF K        | C508    | 178-3342-78 | 0.33uF      | D101    | 001-0580-90 | 1SS352          |
| C317    | 168-1022-55 | 1000pF K        | C509    | 166-5611-50 | 560pF CH    | D102    | 001-0580-90 | 1SS352          |
| C318    | 168-1042-78 | 16V 0.1uF K     | C510    | 163-1073-15 | 6.3V 100uF  | D103    | 001-4312-47 | 02DZ9.1Y TPH3-F |
| C319    | 163-4753-65 | 50V 4.7uF       | C511    | 166-2201-50 | 22pF CH     | D104    | 001-9013-90 | BA891           |
| C320    | 168-1042-78 | 16V 0.1uF K     | C512    | 166-2201-50 | 22pF CH     | D106    | 001-9013-90 | BA891           |
| C321    | 163-4753-65 | 50V 4.7uF       | C513    | 168-1042-78 | 16V 0.1uF K | D107    | 001-9013-90 | BA891           |
| C324    | 168-1022-55 | 1000pF K        | C514    | 168-1022-55 | 1000pF K    | D201    | 001-2412-90 | RR264M-400      |
| C325    | 168-2222-55 | 2200pF K        | C515    | 166-2201-50 | 22pF CH     | D502    | 001-4312-48 | 02DZ9.1Z        |
| C326    | 163-2273-25 | 10V 220uF       | C516    | 166-2201-50 | 22pF CH     | D503    | 001-0580-90 | 1SS352          |
| C327    | 168-4732-78 | 0.047uF K       | C517    | 166-5611-50 | 560pF CH    | D504    | 001-0580-90 | 1SS352          |
| C328    | 163-2263-35 | 16V 22uF        | C518    | 166-5611-50 | 560pF CH    | D505    | 001-0580-90 | 1SS352          |
| C329    | 168-1042-78 | 16V 0.1uF K     | C519    | 166-5611-50 | 560pF CH    | D506    | 001-2640-90 | D1FJ4           |
| C330    | 163-3373-15 | 6.3V 330uF      | C520    | 166-5611-50 | 560pF CH    | D508    | 001-2015-00 | RL253           |
| C331    | 168-1042-78 | 16V 0.1uF K     | C521    | 163-4763-35 | 16V 47uF    | D510    | 001-4312-48 | 02DZ9.1Z        |
| C332    | 166-1011-50 | 100pF CH        | C522    | 163-1073-35 | 16V 100uF   | D511    | 001-4301-68 | HZU18B1         |
| C333    | 168-1042-78 | 16V 0.1uF K     | C523    | 166-2201-50 | 22pF CH     | D512    | 001-0580-90 | 1SS352          |
| C334    | 163-1063-35 | 16V 10uF        | C524    | 168-2212-55 | 220pF K     | D513    | 001-4301-68 | HZU18B1         |
| C335    | 168-1022-55 | 1000pF K        | C525    | 163-1073-35 | 16V 100uF   | D515    | 001-4312-34 | 02DZ6.2X TPH3-F |
| C336    | 178-1052-78 | 25V 1uF         | C526    | 042-0592-61 | 16V 47uF    | D517    | 001-0580-90 | 1SS352          |
| C337    | 168-3332-78 | 0.033uF K       | C527    | 042-0592-61 | 16V 47uF    | D601    | 001-0580-90 | 1SS352          |
| C340    | 168-1022-55 | 1000pF K        | C528    | 163-4763-35 | 16V 47uF    | D602    | 001-4312-44 | 02DZ8.2Y TPH3-F |
| C341    | 168-1042-78 | 16V 0.1uF K     | C529    | 168-1542-58 | 0.15uF K    | D605    | 001-4305-39 | UDZSTE-17 36B   |
| C342    | 168-1042-78 | 16V 0.1uF K     | C530    | 168-1542-58 | 0.15uF K    | D606    | 001-0580-90 | 1SS352          |
|         |             |                 |         |             |             | D607    | 001-0580-90 | 1SS352          |

| REF No. | PART No.    | DESCRIPTION                                              | REF No. | PART No.    | DESCRIPTION     | REF No. | PART No.    | DESCRIPTION     |
|---------|-------------|----------------------------------------------------------|---------|-------------|-----------------|---------|-------------|-----------------|
| D609    | 001-4305-39 | UDZSTE-17 36B                                            | Q508    | 191-1197-50 | 2SB1197K Q,R    | R326    | 119-1001-15 | 1/10W 10 ohm    |
| D610    | 001-4305-39 | UDZSTE-17 36B                                            | Q509    | 125-2046-91 | DTC114EUBTL     | R327    | 119-3921-15 | 1/10W 3.9k ohm  |
| IC101   | 051-3341-90 | BD3931FP                                                 | Q512    | 192-4081-00 | 2SC4081         | R328    | 119-1021-15 | 1/10W 1k ohm    |
| IC201   | 051-3516-90 | S-1132B33-U5T1G                                          | Q513    | 192-4081-00 | 2SC4081         | R329    | 119-0000-05 | 1/10W 0 ohm JW  |
| IC202   | 051-3340-00 | LD1085P                                                  | Q515    | 125-2046-91 | DTC114EUBTL     | R330    | 119-0000-05 | 1/10W 0 ohm JW  |
| IC301   | -----       | SAF7730HV/N332<br>(DSP)(PAD-TYPE)<br>(670650-051)        | Q516    | 192-4081-00 | 2SC4081         | R331    | 032-0140-50 | 1/10W 10k ohm F |
| IC401   | 051-9426-70 | BR24S16FVM-WTR<br>(EEPROM)                               | Q601    | 125-0021-96 | DTA144TU        | R332    | 032-0140-50 | 1/10W 10k ohm F |
| IC402   | -----       | M30876FJAGP VIRGI<br>N-TYP(U-COM)<br>(Flash)(031510-052) | Q602    | 125-2046-91 | DTC114EUBTL     | R333    | 032-0140-50 | 1/10W 10k ohm F |
| IC403   | 051-6607-08 | PCA82C250T-T                                             | Q603    | 192-4081-00 | 2SC4081         | R334    | 032-0140-50 | 1/10W 10k ohm F |
| IC404   | 051-5417-38 | R3112N271A-TR-FA                                         | Q604    | 192-4081-00 | 2SC4081         | R335    | 032-0140-50 | 1/10W 10k ohm F |
| IC405   | 051-3034-90 | NJM4558V                                                 | Q605    | 192-4081-00 | 2SC4081         | R336    | 032-0140-50 | 1/10W 10k ohm F |
| IC406   | 051-6212-08 | LC72191JM-TLM                                            | Q607    | 125-0035-91 | DTA114EUBLT     | R337    | 119-1041-15 | 1/10W 100k ohm  |
| IC501   | 051-3396-90 | NJM2386ADL3-33-TE<br>1                                   | Q610    | 125-2046-91 | DTC114EUBTL     | R338    | 119-1041-15 | 1/10W 100k ohm  |
| IC502   | 051-3019-90 | NJM2060V                                                 | Q611    | 192-4081-00 | 2SC4081         | R339    | 119-1031-15 | 1/10W 10k ohm   |
| IC503   | 051-3034-90 | NJM4558V                                                 | Q612    | 192-4081-00 | 2SC4081         | R340    | 119-1031-15 | 1/10W 10k ohm   |
| IC504   | 051-2067-00 | TB2946HQ                                                 | Q613    | 125-0035-91 | DTA114EUBLT     | R341    | 119-1011-15 | 1/10W 100 ohm   |
| IC505   | -----       | LT3481EMSE#TRPB<br>F(SW-REG)(TYP:pad<br>(351790-051)     | Q614    | 125-0035-91 | DTA114EUBLT     | R342    | 119-1011-15 | 1/10W 100 ohm   |
| IC506   | 051-5441-08 | BD4828G-TR                                               | R102    | 116-1091-15 | 1/4W 1 ohm      | R343    | 119-0000-05 | 1/10W 0 ohm JW  |
| J201    | 074-1237-69 | 19P                                                      | R104    | 116-1221-15 | 1/4W 1.2k ohm   | R344    | 119-0000-05 | 1/10W 0 ohm JW  |
| J501    | 074-4009-20 | 20P                                                      | R105    | 119-1031-15 | 1/10W 10k ohm   | R345    | 119-0000-05 | 1/10W 0 ohm JW  |
| J601    | 074-1013-00 | 12P                                                      | R111    | 119-1221-15 | 1/10W 1.2k ohm  | R347    | 119-0000-05 | 1/10W 0 ohm JW  |
| J602    | 074-1302-12 | 12P                                                      | R116    | 119-0000-05 | 1/10W 0 ohm JW  | R348    | 119-4731-15 | 1/10W 47k ohm   |
| L102    | 010-2198-52 | 3.3uH                                                    | R117    | 119-1221-15 | 1/10W 1.2k ohm  | R349    | 119-1031-15 | 1/10W 10k ohm   |
| L103    | 010-2198-52 | 3.3uH                                                    | R118    | 119-1011-15 | 1/10W 100 ohm   | R350    | 119-0000-05 | 1/10W 0 ohm JW  |
| L105    | 010-2003-04 | 30uH                                                     | R119    | 116-3911-15 | 1/4W 390 ohm    | R352    | 119-1021-15 | 1/10W 1k ohm    |
| L106    | 010-4011-20 | 2.5mH +3/-3%                                             | R120    | 119-1011-15 | 1/10W 100 ohm   | R353    | 119-1021-15 | 1/10W 1k ohm    |
| L108    | 010-2198-50 | 0.15uH                                                   | R121    | 117-1021-15 | 1/8W 1k ohm     | R354    | 119-1021-15 | 1/10W 1k ohm    |
| L301    | 010-3104-54 | 600 ohm/100MHz                                           | R122    | 119-1011-15 | 1/10W 100 ohm   | R355    | 119-1021-15 | 1/10W 1k ohm    |
| L302    | 010-3103-50 | 1500 ohm/100MHz                                          | R123    | 117-1021-15 | 1/8W 1k ohm     | R358    | 119-0000-05 | 1/10W 0 ohm JW  |
| L303    | 010-3104-54 | 600 ohm/100MHz                                           | R125    | 119-0000-05 | 1/10W 0 ohm JW  | R360    | 119-2201-15 | 1/10W 22 ohm    |
| L304    | 010-3104-54 | 600 ohm/100MHz                                           | R126    | 119-4721-15 | 1/10W 4.7k ohm  | R401    | 119-1021-15 | 1/10W 1k ohm    |
| L305    | 010-3103-50 | 1500 ohm/100MHz                                          | R127    | 119-4721-15 | 1/10W 4.7k ohm  | R402    | 119-1021-15 | 1/10W 1k ohm    |
| L306    | 010-3104-54 | 600 ohm/100MHz                                           | R128    | 119-4721-15 | 1/10W 4.7k ohm  | R403    | 119-1021-15 | 1/10W 1k ohm    |
| L307    | 010-3103-50 | 1500 ohm/100MHz                                          | R131    | 119-4721-15 | 1/10W 4.7k ohm  | R404    | 119-1021-15 | 1/10W 1k ohm    |
| L308    | 010-3104-54 | 600 ohm/100MHz                                           | R132    | 119-4721-15 | 1/10W 4.7k ohm  | R405    | 119-0000-05 | 1/10W 0 ohm JW  |
| L309    | 010-3104-54 | 600 ohm/100MHz                                           | R133    | 119-4721-15 | 1/10W 4.7k ohm  | R406    | 119-1021-15 | 1/10W 1k ohm    |
| L310    | 010-3104-54 | 600 ohm/100MHz                                           | R135    | 119-1011-15 | 1/10W 100 ohm   | R407    | 119-1021-15 | 1/10W 1k ohm    |
| L311    | 010-3103-50 | 1500 ohm/100MHz                                          | R141    | 119-1011-15 | 1/10W 100 ohm   | R408    | 119-1021-15 | 1/10W 1k ohm    |
| L313    | 010-3104-54 | 600 ohm/100MHz                                           | R143    | 119-1011-15 | 1/10W 100 ohm   | R411    | 119-4721-15 | 1/10W 4.7k ohm  |
| L314    | 010-3103-55 | 120 ohm/100MHz                                           | R146    | 116-6891-15 | 1/4W 6.8 ohm    | R412    | 119-4731-15 | 1/10W 47k ohm   |
| L315    | 010-3104-54 | 600 ohm/100MHz                                           | R147    | 119-0000-05 | 1/10W 0 ohm JW  | R413    | 119-4731-15 | 1/10W 47k ohm   |
| L402    | 010-3406-66 | 22uH J                                                   | R148    | 117-1021-15 | 1/8W 1k ohm     | R414    | 119-4711-15 | 1/10W 470 ohm   |
| L403    | 010-3406-54 | 2.2uH J                                                  | R206    | 119-1021-15 | 1/10W 1k ohm    | R415    | 119-4711-15 | 1/10W 470 ohm   |
| L404    | 010-3601-50 | 600 ohm/100MHz                                           | R207    | 119-3331-15 | 1/10W 33k ohm   | R416    | 119-4721-15 | 1/10W 4.7k ohm  |
| L501    | 010-3104-54 | 600 ohm/100MHz                                           | R208    | 119-4731-15 | 1/10W 47k ohm   | R417    | 119-4721-15 | 1/10W 4.7k ohm  |
| L502    | 010-3104-54 | 600 ohm/100MHz                                           | R209    | 119-1041-15 | 1/10W 100k ohm  | R420    | 119-1041-15 | 1/10W 100k ohm  |
| L503    | 010-3414-90 | 6.8uH                                                    | R210    | 119-4721-15 | 1/10W 4.7k ohm  | R421    | 119-1041-15 | 1/10W 100k ohm  |
| L505    | 010-8048-00 | 240uH                                                    | R212    | 119-4721-15 | 1/10W 4.7k ohm  | R424    | 119-1011-15 | 1/10W 100 ohm   |
| P401    | 076-0478-59 | 9P                                                       | R213    | 119-4721-15 | 1/10W 4.7k ohm  | R425    | 119-1011-15 | 1/10W 100 ohm   |
| P402    | 076-3011-74 | 24P                                                      | R214    | 119-4721-15 | 1/10W 4.7k ohm  | R428    | 119-1031-15 | 1/10W 10k ohm   |
| Q101    | 190-2060-00 | 2SA2060                                                  | R216    | 032-0140-98 | 1/10W 330 ohm F | R429    | 119-1031-15 | 1/10W 10k ohm   |
| Q102    | 125-2046-95 | DTC143ZUB                                                | R217    | 032-0140-93 | 1/10W 2k ohm F  | R430    | 119-4721-15 | 1/10W 4.7k ohm  |
| Q103    | 192-4116-00 | 2SC4116                                                  | R218    | 119-1011-15 | 1/10W 100 ohm   | R431    | 119-1021-15 | 1/10W 1k ohm    |
| Q105    | 192-5886-00 | 2SC5886                                                  | R219    | 119-1011-15 | 1/10W 100 ohm   | R432    | 119-1021-15 | 1/10W 1k ohm    |
| Q106    | 192-4116-00 | 2SC4116                                                  | R301    | 119-1031-15 | 1/10W 10k ohm   | R433    | 119-4721-15 | 1/10W 4.7k ohm  |
| Q107    | 192-4116-00 | 2SC4116                                                  | R302    | 119-2201-15 | 1/10W 22 ohm    | R434    | 119-1021-15 | 1/10W 1k ohm    |
| Q201    | 192-4081-00 | 2SC4081                                                  | R303    | 119-1031-15 | 1/10W 10k ohm   | R435    | 116-6201-15 | 1/4W 62 ohm     |
| Q202    | 125-0035-91 | DTA114EUBLT                                              | R304    | 119-0000-05 | 1/10W 0 ohm JW  | R436    | 119-1031-15 | 1/10W 10k ohm   |
| Q203    | 125-2046-91 | DTC114EUBTL                                              | R305    | 119-0000-05 | 1/10W 0 ohm JW  | R437    | 116-6201-15 | 1/4W 62 ohm     |
| Q204    | 198-3018-00 | 2SK3018                                                  | R306    | 119-0000-05 | 1/10W 0 ohm JW  | R438    | 119-4731-15 | 1/10W 47k ohm   |
| Q205    | 198-3018-00 | 2SK3018                                                  | R307    | 119-0000-05 | 1/10W 0 ohm JW  | R440    | 119-1021-15 | 1/10W 1k ohm    |
| Q206    | 125-9017-92 | UMD3N-TR                                                 | R308    | 032-0140-80 | 1/10W 18k ohm F | R441    | 119-0000-05 | 1/10W 0 ohm JW  |
| Q301    | 125-7007-90 | Si5441BDC-TI-E3                                          | R309    | 032-0140-80 | 1/10W 18k ohm F | R443    | 119-1031-15 | 1/10W 10k ohm   |
| Q302    | 125-2046-91 | DTC114EUBTL                                              | R310    | 032-0140-80 | 1/10W 18k ohm F | R444    | 119-4731-15 | 1/10W 47k ohm   |
| Q501    | 190-1586-00 | 2SA1586 O,Y,G                                            | R311    | 032-0140-80 | 1/10W 18k ohm F | R445    | 119-1031-15 | 1/10W 10k ohm   |
| Q502    | 125-2046-91 | DTC114EUBTL                                              | R312    | 119-1011-15 | 1/10W 100 ohm   | R446    | 119-4731-15 | 1/10W 47k ohm   |
| Q503    | 193-1664-00 | 2SD1664                                                  | R313    | 119-1031-15 | 1/10W 10k ohm   | R447    | 119-1021-15 | 1/10W 1k ohm    |
| Q504    | 192-4116-51 | 2SC4116 G,L                                              | R315    | 119-1021-15 | 1/10W 1k ohm    | R448    | 119-4731-15 | 1/10W 47k ohm   |
| Q505    | 191-1204-61 | 2SB1204 R,S,T                                            | R316    | 119-3921-15 | 1/10W 3.9k ohm  | R449    | 119-4731-15 | 1/10W 47k ohm   |
| Q507    | 125-2046-91 | DTC114EUBTL                                              | R317    | 119-1041-15 | 1/10W 100k ohm  | R450    | 119-4731-15 | 1/10W 47k ohm   |
|         |             |                                                          | R318    | 119-3921-15 | 1/10W 3.9k ohm  | R451    | 119-4731-15 | 1/10W 47k ohm   |
|         |             |                                                          | R319    | 119-1041-15 | 1/10W 100k ohm  | R452    | 119-4731-15 | 1/10W 47k ohm   |
|         |             |                                                          | R320    | 119-0000-05 | 1/10W 0 ohm JW  | R453    | 119-1011-15 | 1/10W 100 ohm   |
|         |             |                                                          | R321    | 119-1041-15 | 1/10W 100k ohm  | R454    | 119-1011-15 | 1/10W 100 ohm   |
|         |             |                                                          | R322    | 119-1041-15 | 1/10W 100k ohm  | R455    | 119-1021-15 | 1/10W 1k ohm    |
|         |             |                                                          | R323    | 119-1041-15 | 1/10W 100k ohm  | R456    | 119-4721-15 | 1/10W 4.7k ohm  |
|         |             |                                                          | R324    | 119-1041-15 | 1/10W 100k ohm  | R457    | 119-4721-15 | 1/10W 4.7k ohm  |
|         |             |                                                          | R325    | 119-3921-15 | 1/10W 3.9k ohm  | R458    | 119-1041-15 | 1/10W 100k ohm  |

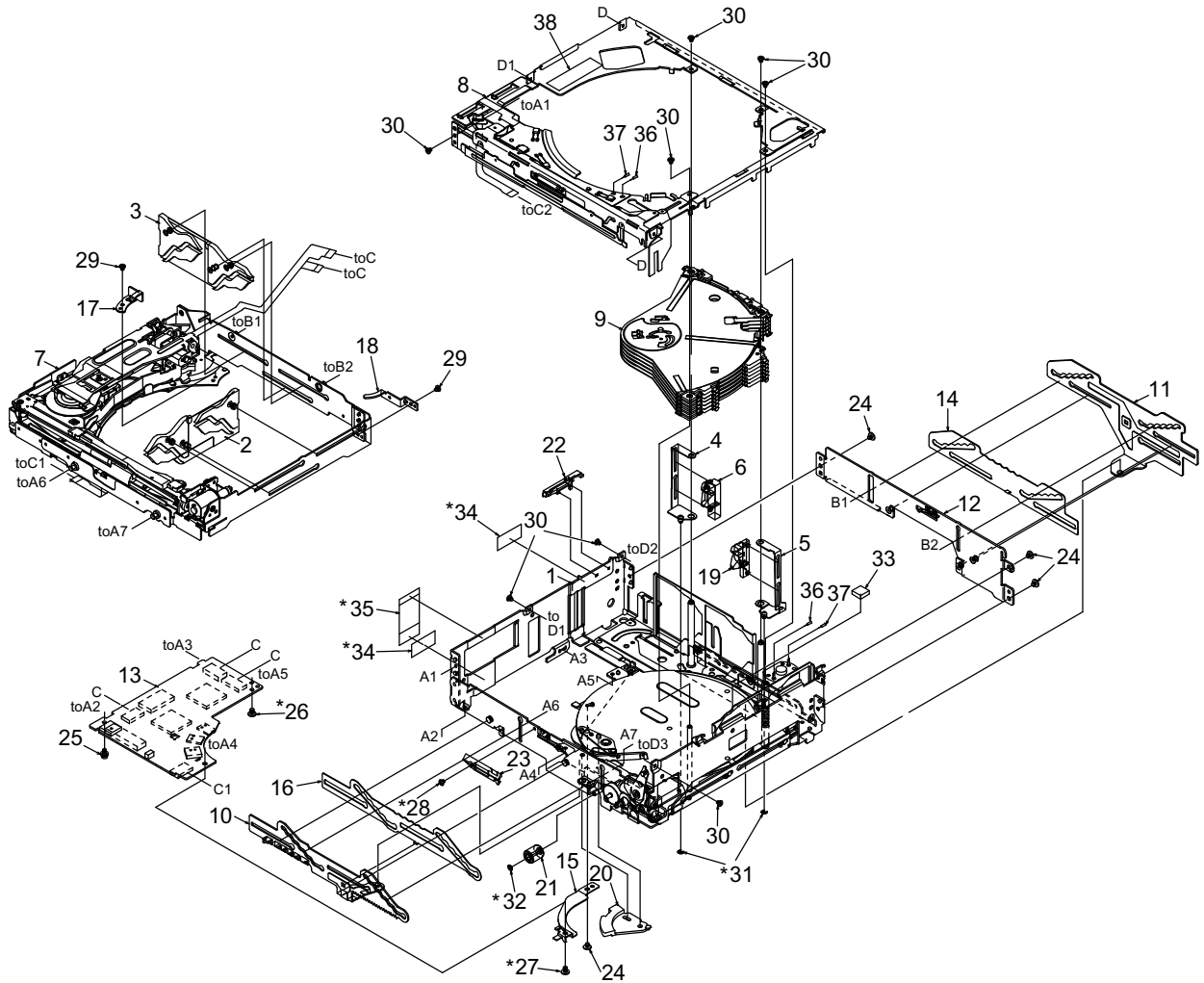
| REF No. | PART No.    | DESCRIPTION      | REF No. | PART No.    | DESCRIPTION      | REF No. | PART No.    | DESCRIPTION             |
|---------|-------------|------------------|---------|-------------|------------------|---------|-------------|-------------------------|
| R459    | 119-1011-15 | 1/10W 100 ohm    | R520    | 119-1031-15 | 1/10W 10k ohm    | R576    | 119-7531-15 | 1/10W 75k ohm           |
| R461    | 119-2231-15 | 1/10W 22k ohm    | R521    | 119-4721-15 | 1/10W 4.7k ohm   | R577    | 119-4731-15 | 1/10W 47k ohm           |
| R462    | 119-1041-15 | 1/10W 100k ohm   | R522    | 119-4721-15 | 1/10W 4.7k ohm   | R578    | 119-1021-15 | 1/10W 1k ohm            |
| R466    | 032-0140-15 | 1/10W 6.8k ohm F | R523    | 119-1031-15 | 1/10W 10k ohm    | R601    | 119-3011-15 | 1/10W 300 ohm           |
| R467    | 032-0140-15 | 1/10W 6.8k ohm F | R524    | 119-1031-15 | 1/10W 10k ohm    | R602    | 119-3011-15 | 1/10W 300 ohm           |
| R468    | 119-4731-15 | 1/10W 47k ohm    | R525    | 119-1031-15 | 1/10W 10k ohm    | R603    | 119-3011-15 | 1/10W 300 ohm           |
| R469    | 032-0140-15 | 1/10W 6.8k ohm F | R526    | 116-3911-15 | 1/4W 390 ohm     | R604    | 032-0140-89 | 1/10W 47k ohm F         |
| R470    | 032-0140-15 | 1/10W 6.8k ohm F | R527    | 116-1221-15 | 1/4W 1.2k ohm    | R605    | 032-0140-89 | 1/10W 47k ohm F         |
| R471    | 032-0140-50 | 1/10W 10k ohm F  | R529    | 116-1221-15 | 1/4W 1.2k ohm    | R606    | 119-1031-15 | 1/10W 10k ohm           |
| R472    | 032-0140-50 | 1/10W 10k ohm F  | R530    | 116-1221-15 | 1/4W 1.2k ohm    | R607    | 119-1021-15 | 1/10W 1k ohm            |
| R473    | 032-0140-50 | 1/10W 10k ohm F  | R531    | 119-1031-15 | 1/10W 10k ohm    | R608    | 119-6821-15 | 1/10W 6.8k ohm          |
| R474    | 032-0140-50 | 1/10W 10k ohm F  | R533    | 119-1031-15 | 1/10W 10k ohm    | R609    | 119-5621-15 | 1/10W 5.6k ohm          |
| R475    | 119-1031-15 | 1/10W 10k ohm    | R534    | 116-1221-15 | 1/4W 1.2k ohm    | R610    | 119-5621-15 | 1/10W 5.6k ohm          |
| R476    | 119-1031-15 | 1/10W 10k ohm    | R535    | 119-4721-15 | 1/10W 4.7k ohm   | R612    | 119-5631-15 | 1/10W 56k ohm           |
| R495    | 119-4731-15 | 1/10W 47k ohm    | R536    | 119-4731-15 | 1/10W 47k ohm    | R613    | 119-5631-15 | 1/10W 56k ohm           |
| R496    | 119-4731-15 | 1/10W 47k ohm    | R537    | 116-4721-15 | 1/4W 4.7k ohm    | R615    | 119-4731-15 | 1/10W 47k ohm           |
| R497    | 119-4731-15 | 1/10W 47k ohm    | R538    | 119-2731-15 | 1/10W 27k ohm    | R616    | 119-1031-15 | 1/10W 10k ohm           |
| R498    | 119-4731-15 | 1/10W 47k ohm    | R539    | 119-4731-15 | 1/10W 47k ohm    | R617    | 119-1031-15 | 1/10W 10k ohm           |
| R499    | 119-1011-15 | 1/10W 100 ohm    | R540    | 119-1521-15 | 1/10W 1.5k ohm   | R623    | 119-5631-15 | 1/10W 56k ohm           |
| R501    | 119-1031-15 | 1/10W 10k ohm    | R541    | 119-1031-15 | 1/10W 10k ohm    | R624    | 119-1031-15 | 1/10W 10k ohm           |
| R502    | 119-1031-15 | 1/10W 10k ohm    | R542    | 032-0140-03 | 1/10W 220k ohm F | R625    | 119-2231-15 | 1/10W 22k ohm           |
| R503    | 119-1031-15 | 1/10W 10k ohm    | R543    | 032-0140-19 | 1/10W 75k ohm F  | R626    | 119-4731-15 | 1/10W 47k ohm           |
| R504    | 119-1031-15 | 1/10W 10k ohm    | R548    | 119-2241-15 | 1/10W 220k ohm   | R628    | 119-5621-15 | 1/10W 5.6k ohm          |
| R505    | 119-1031-15 | 1/10W 10k ohm    | R551    | 119-1031-15 | 1/10W 10k ohm    | R629    | 119-5621-15 | 1/10W 5.6k ohm          |
| R506    | 119-1031-15 | 1/10W 10k ohm    | R552    | 032-0140-16 | 1/10W 180k ohm F | R630    | 119-1021-15 | 1/10W 1k ohm            |
| R507    | 119-1031-15 | 1/10W 10k ohm    | R553    | 032-0148-50 | 1/10W 100k ohm D | R631    | 119-1021-15 | 1/10W 1k ohm            |
| R508    | 119-1031-15 | 1/10W 10k ohm    | R554    | 032-0140-51 | 1/10W 15k ohm F  | SUP101  | 060-0122-91 | DSP-141N-S00B           |
| R509    | 119-1031-15 | 1/10W 10k ohm    | R555    | 116-2721-15 | 1/4W 2.7k ohm    | SUP102  | 060-0122-91 | DSP-141N-S00B           |
| R510    | 119-1031-15 | 1/10W 10k ohm    | R556    | 116-1531-15 | 1/4W 15k ohm     | T101    | 060-8106-90 | #617DB-2195=P3          |
| R511    | 119-1051-15 | 1/10W 1M ohm     | R558    | 119-2221-15 | 1/10W 2.2k ohm   | TC401   | 004-1580-10 | 30pF GRN                |
| R512    | 119-1051-15 | 1/10W 1M ohm     | R559    | 116-1531-15 | 1/4W 15k ohm     | TH101   | 002-0229-00 | PTH8L05BAIR8M1B         |
| R513    | 119-1051-15 | 1/10W 1M ohm     | R560    | 116-4791-15 | 1/4W 4.7 ohm     | X301    | 061-3537-90 | 41.6MHz                 |
| R514    | 119-1051-15 | 1/10W 1M ohm     | R561    | 116-4791-15 | 1/4W 4.7 ohm     | X401    | 061-3541-90 | 10.00MHz                |
| R515    | 119-1031-15 | 1/10W 10k ohm    | R562    | 119-1031-15 | 1/10W 10k ohm    | X402    | 061-1066-00 | 7.2MHz                  |
| R516    | 119-1031-15 | 1/10W 10k ohm    | R564    | 119-5611-15 | 1/10W 560 ohm    | PWB     | 039-3792-00 | PWB(WITHOUT COMPONENTS) |
| R517    | 119-1031-15 | 1/10W 10k ohm    | R565    | 119-1031-15 | 1/10W 10k ohm    |         |             |                         |
| R518    | 119-1031-15 | 1/10W 10k ohm    | R569    | 119-0000-05 | 1/10W 0 ohm JW   |         |             |                         |
| R519    | 119-1031-15 | 1/10W 10k ohm    | R575    | 119-0000-05 | 1/10W 0 ohm JW   |         |             |                         |

#### SW PWB(B2) section

| REF No. | PART No.    | DESCRIPTION         | REF No. | PART No.    | DESCRIPTION           | REF No. | PART No.    | DESCRIPTION             |
|---------|-------------|---------------------|---------|-------------|-----------------------|---------|-------------|-------------------------|
| D701    | 001-9210-50 | AVR-M1608C270MTA AD | D737    | 001-7109-90 | SML-311DTT86 ORG      | R714    | 116-1521-15 | 1/4W 1.5k ohm           |
| D702    | 001-9210-50 | AVR-M1608C270MTA AD | D738    | 001-7109-90 | SML-311DTT86 ORG      | R715    | 116-1521-15 | 1/4W 1.5k ohm           |
| D703    | 001-9210-50 | AVR-M1608C270MTA AD | D739    | 001-7109-90 | SML-311DTT86 ORG      | R716    | 116-1521-15 | 1/4W 1.5k ohm           |
| D704    | 001-9210-50 | AVR-M1608C270MTA AD | D740    | 001-7109-90 | SML-311DTT86 ORG      | R717    | 116-1821-15 | 1/4W 1.8k ohm           |
| D705    | 001-0516-90 | MA111               | D741    | 001-7109-90 | SML-311DTT86 ORG (NU) | R718    | 116-1821-15 | 1/4W 1.8k ohm           |
| D706    | 001-0516-90 | MA111               | D742    | 001-7109-90 | SML-311DTT86 ORG (NU) | R719    | 116-1821-15 | 1/4W 1.8k ohm           |
| D707    | 001-0516-90 | MA111               | D743    | 001-7109-90 | SML-311DTT86 ORG      | R720    | 116-1221-15 | 1/4W 1.2k ohm           |
| D708    | 001-0516-90 | MA111               | D744    | 001-7109-90 | SML-311DTT86 ORG      | R721    | 116-1221-15 | 1/4W 1.2k ohm           |
| D709    | 001-0516-90 | MA111               | D745    | 001-7109-90 | SML-311DTT86 ORG      | R722    | 116-1221-15 | 1/4W 1.2k ohm           |
| D710    | 001-0516-90 | MA111               | D746    | 001-7109-90 | SML-311DTT86 ORG (NU) | R723    | 116-1221-15 | 1/4W 1.2k ohm           |
| D711    | 001-0516-90 | MA111               | D747    | 001-7109-90 | SML-311DTT86 ORG (NU) | R724    | 116-1521-15 | 1/4W 1.5k ohm           |
| D712    | 001-0516-90 | MA111               | D748    | 001-7109-90 | SML-311DTT86 ORG      | S701    | 013-6202-52 | SKPMBJE010              |
| D713    | 001-7109-90 | SML-311DTT86 ORG    | D749    | 001-7109-90 | SML-311DTT86 ORG      | S702    | 013-6202-52 | SKPMBJE010              |
| D714    | 001-7109-90 | SML-311DTT86 ORG    | D750    | 001-7109-90 | SML-311DTT86 ORG      | S703    | 013-6202-52 | SKPMBJE010              |
| D715    | 001-7109-90 | SML-311DTT86 ORG    | D751    | 001-7109-90 | SML-311DTT86 ORG (NU) | S704    | 013-6202-52 | SKPMBJE010              |
| D716    | 001-7109-90 | SML-311DTT86 ORG    | D752    | 001-7109-90 | SML-311DTT86 ORG (NU) | S705    | 013-6202-52 | SKPMBJE010              |
| D717    | 001-7109-90 | SML-311DTT86 ORG    | D753    | 001-7109-90 | SML-311DTT86 ORG      | S706    | 013-6202-52 | SKPMBJE010              |
| D718    | 001-7109-90 | SML-311DTT86 ORG    | D754    | 001-7109-90 | SML-311DTT86 ORG (NU) | S707    | 013-6202-52 | SKPMBJE010              |
| D719    | 001-7109-90 | SML-311DTT86 ORG    | D755    | 001-7109-90 | SML-311DTT86 ORG (NU) | S708    | 013-6202-52 | SKPMBJE010              |
| D720    | 001-7109-90 | SML-311DTT86 ORG    | D756    | 001-7109-90 | SML-311DTT86 ORG      | S709    | 013-6202-52 | SKPMBJE010              |
| D721    | 001-7109-90 | SML-311DTT86 ORG    | D757    | 001-7109-90 | SML-311DTT86 ORG      | S710    | 013-6202-52 | SKPMBJE010              |
| D722    | 001-7109-90 | SML-311DTT86 ORG    | D758    | 001-7109-90 | SML-311DTT86 ORG      | S711    | 013-6202-52 | SKPMBJE010              |
| D723    | 001-7109-90 | SML-311DTT86 ORG    | D759    | 001-7109-90 | SML-311DTT86 ORG      | S712    | 013-6202-52 | SKPMBJE010              |
| D724    | 001-7109-90 | SML-311DTT86 ORG    | D760    | 001-0516-90 | MA111                 | S713    | 013-6202-52 | SKPMBJE010              |
| D725    | 001-7109-90 | SML-311DTT86 ORG    | D761    | 001-0516-90 | MA111                 | S714    | 013-6202-52 | SKPMBJE010              |
| D726    | 001-7109-90 | SML-311DTT86 ORG    | D762    | 001-7109-90 | SML-311DTT86 ORG      | S715    | 013-6202-52 | SKPMBJE010              |
| D727    | 001-7109-90 | SML-311DTT86 ORG    | J701    | 075-0390-00 | JACK                  | S716    | 013-6202-52 | SKPMBJE010              |
| D728    | 001-7109-90 | SML-311DTT86 ORG    | J702    | 074-3013-74 | 24P                   | TM701   | -----       | (NU)                    |
| D729    | 001-7109-90 | SML-311DTT86 ORG    | R701    | 116-3321-15 | 1/4W 3.3k ohm         | TM702   | -----       | (NU)                    |
| D730    | 001-7109-90 | SML-311DTT86 ORG    | R705    | 116-1021-15 | 1/4W 1k ohm           | TM703   | -----       | (NU)                    |
| D731    | 001-7109-90 | SML-311DTT86 ORG    | R706    | 116-1821-15 | 1/4W 1.8k ohm         | TM704   | -----       | (NU)                    |
| D732    | -----       | (NU)                | R707    | 116-1521-15 | 1/4W 1.5k ohm         | TM705   | -----       | (NU)                    |
| D733    | -----       | (NU)                | R709    | 116-1821-15 | 1/4W 1.8k ohm         | VR701   | 016-0018-24 | ROTALY ENCODER          |
| D734    | -----       | (NU)                | R710    | 116-1521-15 | 1/4W 1.5k ohm         | VR702   | 016-0024-08 | VR W/SHAFT              |
| D735    | -----       | (NU)                | R711    | 116-4711-15 | 1/4W 470 ohm          | PWB     | 039-3156-01 | PWB(WITHOUT COMPONENTS) |
| D736    | 001-7109-90 | SML-311DTT86 ORG    | R713    | 116-1521-15 | 1/4W 1.5k ohm         |         |             |                         |

# EXPLODED VIEW/PARTS LIST

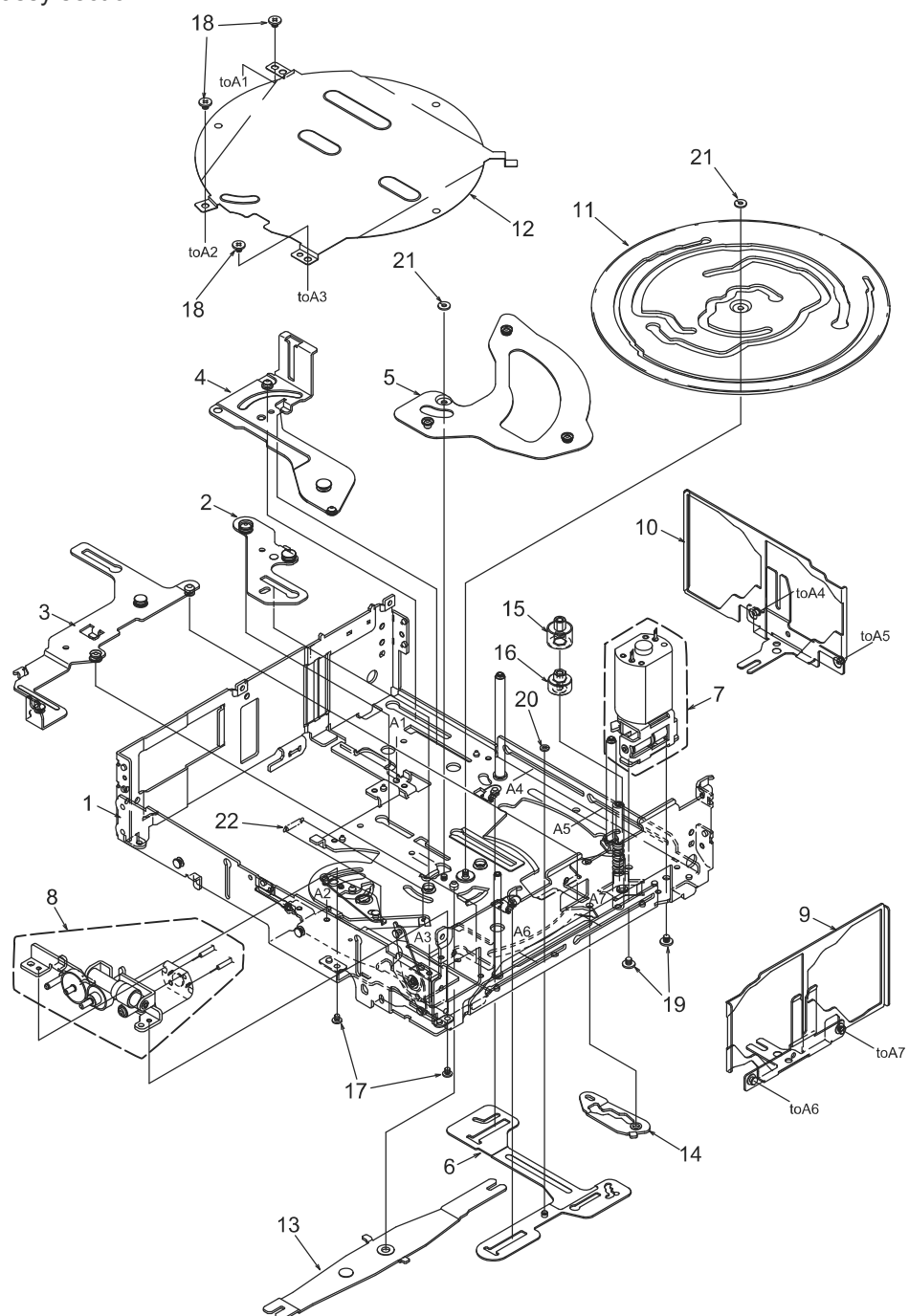
## Main section



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

| NO. | PART NO.    | DESCRIPTION     | Q'TY | NO. | PART NO.    | DESCRIPTION           | Q'TY |
|-----|-------------|-----------------|------|-----|-------------|-----------------------|------|
| 1   | -----       | LOWER UNIT ASSY | 1    | 20  | 621-1812-20 | SW LINK               | 1    |
| 2   | HBS-617-100 | KUSABI-ASSY-S   | 1    | 21  | 621-1765-21 | UD-GEAR-D             | 1    |
| 3   | HBS-618-100 | KUSABI-ASSY-R   | 1    | 22  | 621-1715-20 | FPC-STOPPER           | 1    |
| 4   | 966-1846-20 | DS-SP-ASSY L    | 1    | 23  | 621-1763-20 | LOADING GUIDE B       | 1    |
| 5   | 966-1847-21 | DS-SP ASSY R    | 1    | 24  | 716-1850-01 | SCREW(M2.0x2)         | 4    |
| 6   | 966-1898-21 | DISC STP-ASSY L | 1    | 25  | 716-3598-00 | SCREW(M2.0x4)         | 1    |
| 7   | 966-1899-20 | DRIVE-CH UNIT   | 1    | 26  | 716-3599-00 | SCREW(M2.0x2 sealock) | 1    |
| 8   | 966-1840-23 | UPPER UNIT ASSY | 1    | 27  | 716-3600-00 | SCREW(M2.0x3 sealock) | 1    |
| 9   | HBS-602-100 | DISCHOLDER UNIT | 1    | 28  | 716-3601-00 | SCREW(M1.7x2 sealock) | 1    |
| 10  | 966-1771-21 | SLIDE-P-ASSY    | 1    | 29  | 716-3450-00 | SCREW(M1.7x2.0)       | 2    |
| 11  | 966-1814-21 | SLIDE-P-ASSY-R  | 1    | 30  | 716-3451-01 | SCREW(M1.7x2.5)       | 8    |
| 12  | 966-1874-20 | REAR-P-ASSY R   | 1    | 31  | 744-0045-01 | C-RING                | 2    |
| 13  | HBS-658-100 | CD PWB ASSY     | 1    | 32  | 746-0761-00 | WASHER                | 1    |
| 14  | 620-1662-21 | GAP PLATE R     | 1    | 33  | 345-5824-00 | RUBBER PART           | 1    |
| 15  | 620-1640-20 | SW-H-PLATE      | 1    | 34  | 347-8230-00 | PROTECT SHEET         | 2    |
| 16  | 620-1778-21 | GAP PLATE F     | 1    | 35  | 347-8219-00 | FPC-SHEET N           | 1    |
| 17  | 620-1685-21 | DS-PLATE L      | 1    | 36  | 800-4921-60 | VINYL-COAT-WIRE       | 1    |
| 18  | 620-1686-20 | DS-PLATE R      | 1    | 37  | 802-4921-60 | VINYL-COAT-WIRE       | 1    |
| 19  | 621-1819-20 | DISC STOPPER R  | 1    | 38  | 293-8575-00 | MECH LABEL            | 1    |

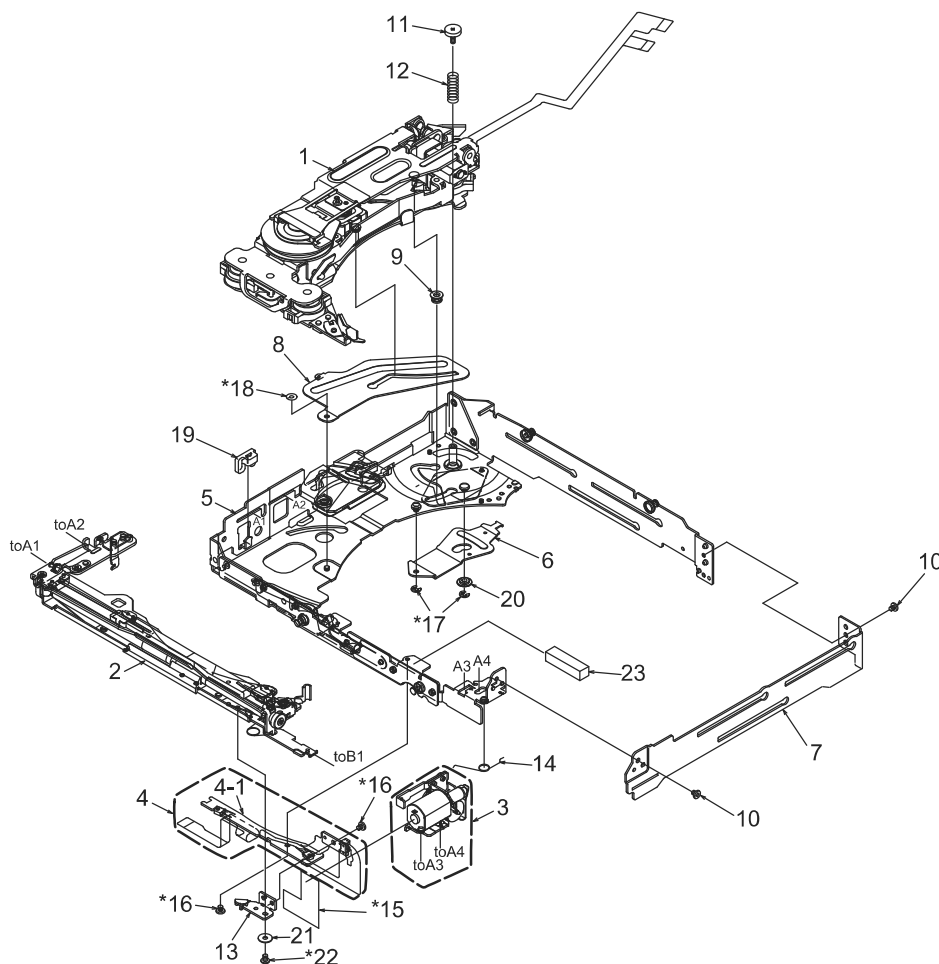
# Lower unit assy section



| 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    |

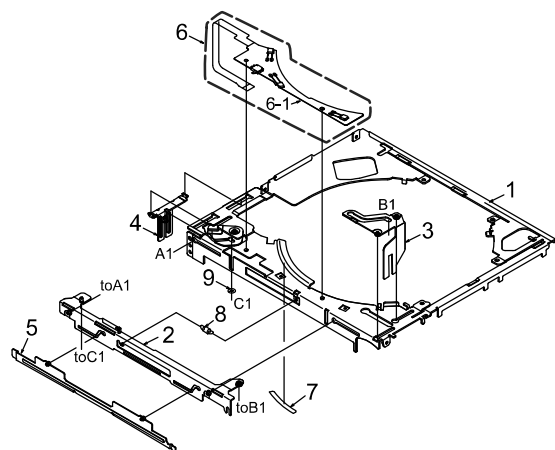
## Drive-CH unit section



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

| NO. | PART NO.    | DESCRIPTION      | Q'TY | NO. | PART NO.    | DESCRIPTION             | Q'TY |
|-----|-------------|------------------|------|-----|-------------|-------------------------|------|
| 1   | HBS-656-100 | N-DRIVE UNIT     | 1    | 12  | 750-6852-20 | DRIVE SPRING A          | 1    |
| 2   | HBS-612-100 | LOADING-U-ASSY   | 1    | 13  | 620-1831-21 | S-PWB PLATE             | 1    |
| 3   | HBS-615-100 | LO-MOTOR-S-ASSY  | 1    | 14  | 750-6754-20 | LO-ES-SPRING B          | 1    |
| 4   | HBS-614-100 | L-SEN-FPC-ASSY   | 1    | 15  | 345-5424-01 | SEN-FPC GUIDE           | 1    |
| 4-1 | -----       | SENSOR-L-FPC     | 1    | 16  | 716-3601-00 | SCREW(M1.7x2 sealock)   | 2    |
| 5   | 966-1828-22 | DRIVE-CH A-ASSY  | 1    | 17  | 743-1500-1B | E-RING                  | 2    |
| 6   | 620-1838-21 | D-SHIFT LINK A   | 1    | 18  | 746-0870-00 | WASHER                  | 1    |
| 7   | 620-1837-20 | DRIVE CHASSIS B  | 1    | 19  | 621-1807-00 | RUBBER PART             | 1    |
| 8   | 620-1836-20 | DR-SUPPORT-PL    | 1    | 20  | 622-1850-20 | D-SHIFT ROLLERE         | 1    |
| 9   | 622-1743-21 | D-SHIFT ROLLER B | 1    | 21  | 347-8392-00 | FPC WASHER              | 1    |
| 10  | 716-3450-00 | SCREW(M1.7x2)    | 2    | 22  | 716-3451-02 | SCREW(M1.7x2.5 sealock) | 1    |
| 11  | 716-3603-00 | SCREW(M1.7x5)    | 1    | 23  | 345-5868-01 | RUBBER PART             | 1    |

## Upper unit assy section



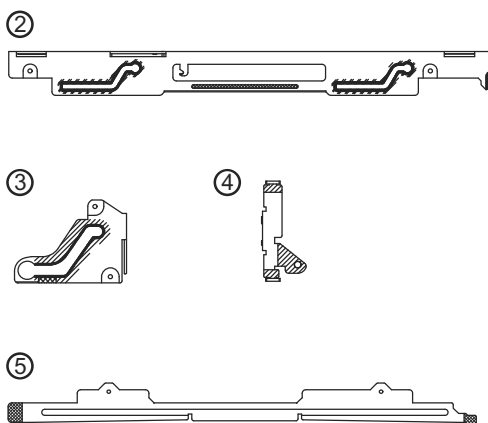
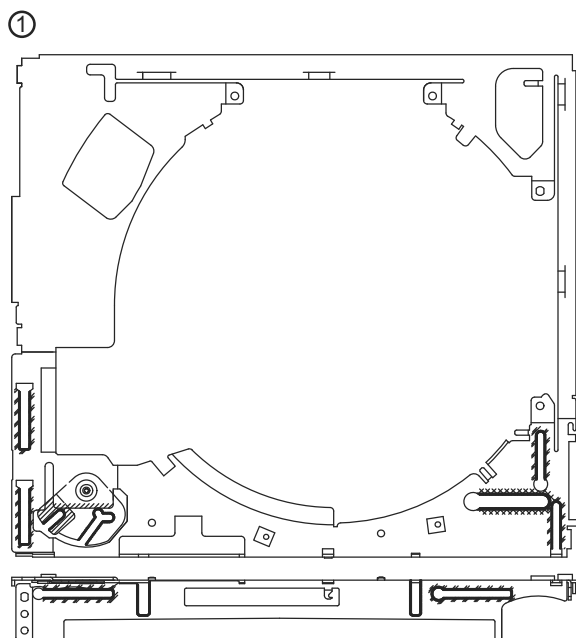
\* Do not reuse the following parts.  
(No.6,7,9)

| 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         |  |



# ELECTRICAL PARTS LIST

## CD PWB(BM1) section

\* The parts of the same reference number are alternative

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

## Sensor-L-PFC(BM2) section

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

## Sensor-U-PFC(BM3) section

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