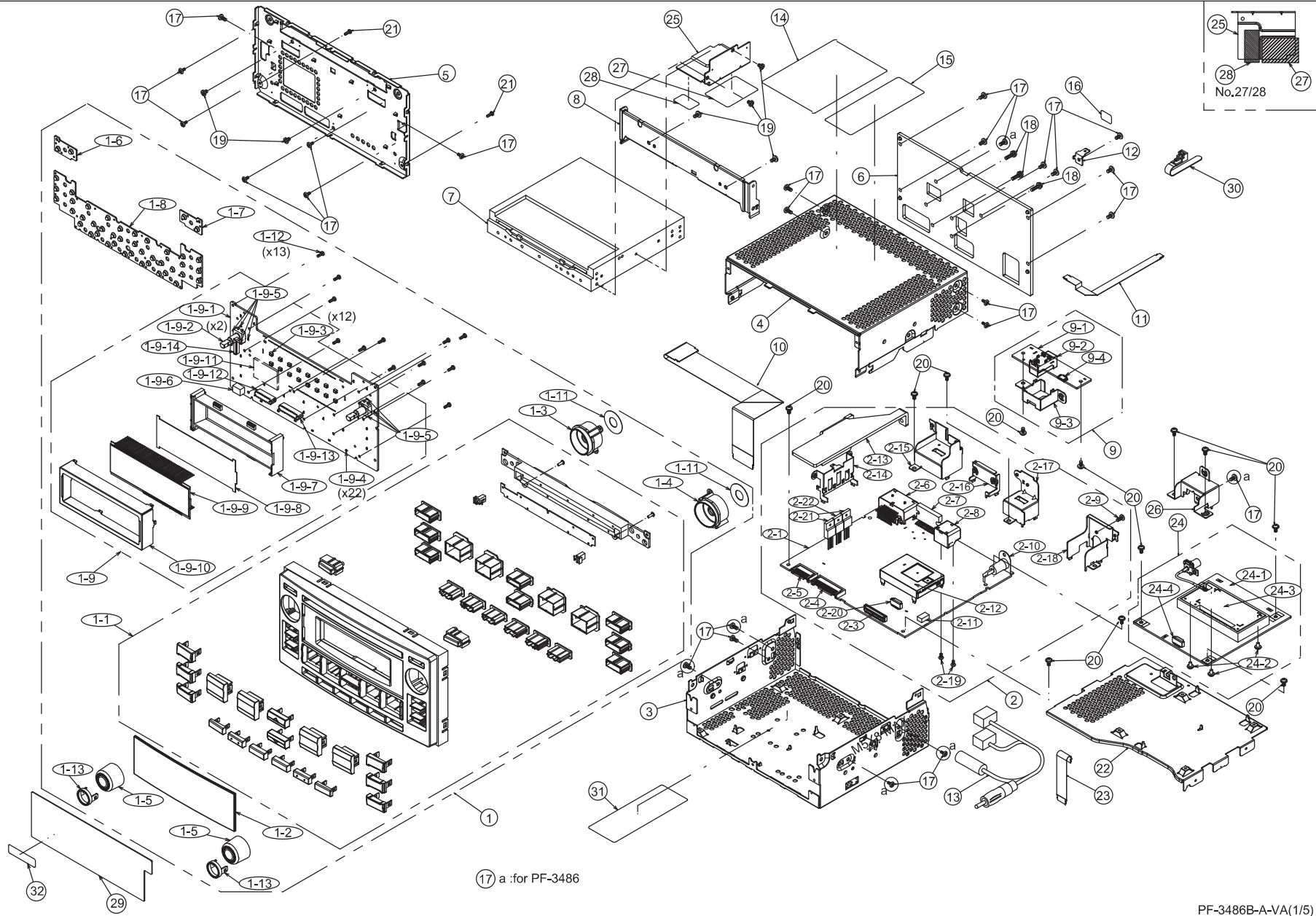


# EXPLODED VIEW / PARTS LIST

PF-3496B-A

-4-



PF-3486B-A-VA(1/5)

| NO.    | PART NO.    | DESCRIPTION              | Q'TY | NO.  | PART NO.    | DESCRIPTION             | Q'TY |
|--------|-------------|--------------------------|------|------|-------------|-------------------------|------|
| 1      | -----       | PANEL-ASSY(3496A0-45)    | 1    | 2-17 | 331-5342-00 | OUTLET HOLDER           | 1    |
| 1-1    | 940-8672-20 | ESCUTCHEON-ASSY          | 1    | 2-18 | 331-4915-00 | OUTLET HOLDER           | 1    |
| 1-2    | 373-1194-50 | DIAL-CVR                 | 1    | 2-19 | 778-3006-00 | TAP-SCREW               | 2    |
| 1-3    | 335-8802-00 | ILLUMI RING(L)           | 1    | 2-20 | -----       | (SOCKET) *N/A           | -    |
| 1-4    | 335-8831-00 | ILLUMI RING(R)           | 1    | 2-21 | 051-3333-00 | IC                      | 2    |
| 1-5    | 380-5771-00 | KNOB                     | 2    | 2-22 | 051-3366-00 | IC                      | 1    |
| 1-6    | 345-6424-00 | RUBBER SW(UP-L)          | 1    | 3    | 311-2049-00 | LOWER CASE              | 1    |
| 1-7    | 345-6426-00 | RUBBER SW(UP-R)          | 1    | 4    | 310-1920-01 | UPPER CASE              | 1    |
| 1-8    | 345-6425-00 | RUBBER SW(MID)           | 1    | 5    | 309-1960-01 | ES PLATE                | 1    |
| 1-9    | -----       | SW-PWB-ASSY(3486A7-77)   | 1    | 6    | 313-2161-00 | HEAT SINK               | 1    |
| 1-9-1  | -----       | SW PWB(408300-039)       | 1    | 7    | 929-5220-80 | CD-MECH-MODULE          | 1    |
| 1-9-2  | 016-0018-24 | VR W/SHAFT               | 2    | 8    | 331-5343-00 | MECH BRKT               | 1    |
| 1-9-3  | 001-7140-90 | DIODE                    | 12   | 9    | -----       | SUB-PWB-ASSY(3486A7-79) | 1    |
| 1-9-4  | 001-7141-90 | DIODE                    | 22   | 9-1  | -----       | SUB PWB(401000-039)     | 1    |
| 1-9-5  | 001-7094-92 | DIODE                    | 8    | 9-2  | 074-4061-04 | OUTLET SOCKET           | 1    |
| 1-9-6  | 060-8094-50 | CERAMIC-ANT              | 1    | 9-3  | 331-5344-00 | USB HOLDER              | 1    |
| 1-9-7  | 335-9360-02 | LCD-HOLDER               | 1    | 9-4  | 074-2262-60 | OUTLET SOCKET           | 1    |
| 1-9-8  | 335-8828-00 | FILTER                   | 1    | 10   | 816-3121-55 | FLAT WIRE               | 1    |
| 1-9-9  | 379-1474-63 | LCD                      | 1    | 11   | 816-3119-55 | FLAT WIRE               | 1    |
| 1-9-10 | 331-4918-00 | LCD-CVR                  | 1    | 12   | 331-3579-20 | EARTH PLATE             | 1    |
| 1-9-11 | 060-8144-90 | BLUETOOTH MODUL          | 1    | 13   | 093-2205-02 | ANT-JUMPER              | 1    |
| 1-9-12 | 074-3055-20 | OUTLET SOCKET            | 1    | 14   | 276-1136-09 | SETPLATE                | 1    |
| 1-9-13 | 074-3055-24 | OUTLET SOCKET            | 1    | 15   | -----       | (LABEL) *N/A            | -    |
| 1-9-14 | 076-6000-65 | PLUG                     | 1    | 16   | 290-0548-33 | LABEL                   | 1    |
| (1-10) | -           | -                        | -    | 17   | 714-2606-8B | MACHINE SCREW           | 19   |
| 1-11   | 347-8873-00 | SHADE                    | 2    | 18   | 735-2614-1B | D-SEMS SCREW            | 3    |
| 1-12   | 716-0778-52 | SPECIAL SCREW            | 13   | 19   | 714-2603-89 | MACHINE SCREW           | 6    |
| 1-13   | -----       | (KNOB RING) *N/A         | -    | 20   | 716-0878-50 | SPECIAL SCREW           | 7    |
| 2      | -----       | MAIN-PWB-ASSY(3496A7-75) | 1    | 21   | 716-0778-52 | SPECIAL SCREW           | 2    |
| 2-1    | -----       | MAIN PWB(400700-039)     | 1    | 22   | -----       | (XM BRKT) *N/A          | -    |
| (2-2)  | -           | -                        | -    | 23   | -----       | (FLAT WIER) *N/A        | -    |
| 2-3    | 074-2261-00 | OUTLET SOCKET            | 1    | 24   | -----       | (XM-PWB-ASSY) *N/A      | -    |
| 2-4    | 076-3011-74 | PLUG                     | 1    | 24-1 | -----       | (XM-PWB) *N/A           | -    |
| 2-5    | 076-3011-70 | PLUG                     | 1    | 24-2 | -----       | (IT SCREW) *N/A         | -    |
| 2-6    | 074-4009-20 | OUTLET SOCKET            | 1    | 24-3 | -----       | (TUNER) *N/A            | -    |
| 2-7    | 051-2064-00 | IC                       | 1    | 24-4 | -----       | (SOCKET) *N/A           | -    |
| 2-8    | 074-1302-16 | OUTLET SOCKET            | 1    | 25   | 331-5347-01 | SUB MECH BRKT           | 1    |
| 2-9    | 714-2606-8B | MACHINE SCREW            | 1    | 26   | -----       | (ANT-HOLDER) *N/A       | -    |
| 2-10   | 092-0702-50 | ANT-RECEPT               | 1    | 27   | 347-9128-00 | PROTECTOR               | 1    |
| 2-11   | 076-0478-59 | PLUG                     | 1    | 28   | 347-9129-00 | PROTECTOR               | 1    |
| 2-12   | -----       | (TUNER) *N/A             | -    | 29   | -----       | (PROTECTOR) *N/A        | -    |
| 2-13   | 313-2162-00 | SUB HEAT SINK            | 1    | 30   | -----       | (LEAD HOLDER) *N/A      | -    |
| 2-14   | 331-4414-00 | TR HOLDER                | 1    | 31   | -----       | (LABEL) *N/A            | -    |
| 2-15   | 331-5341-00 | OUTLET HOLDER            | 1    | 32   | -----       | (LABEL) *N/A            | -    |
| 2-16   | 331-4678-00 | IC-HOLDER                | 1    |      |             |                         |      |

\* N/A means the parts which are not used.

# ELECTRICAL PARTS LIST

## MAIN PWB(B1) section

| REF No. | PART No.    | DESCRIPTION    | REF No. | PART No.    | DESCRIPTION    | REF No. | PART No.    | DESCRIPTION  |
|---------|-------------|----------------|---------|-------------|----------------|---------|-------------|--------------|
| ANT102  | 092-0702-50 | ANT-RECEPT     | C259    | 046-1042-78 | 0.1uF K B      | C506    | 168-1052-78 | 16V 1uF K    |
| C109    | 166-1201-50 | 12pF CH        | C260    | 046-1042-78 | 0.1uF K B      | C508    | 043-0603-90 | 16V 10uF     |
| C112    | 045-2201-50 | 22pFJ CH       | C261    | 043-0552-90 | 6.3V 47uF M    | C509    | 168-1042-78 | 16V 0.1uF K  |
| C113    | 046-1022-58 | 50V 1000pF     | C262    | 046-1042-78 | 0.1uF K B      | C510    | 043-0603-90 | 16V 10uF     |
| C114    | 045-5096-50 | 5 +/-0.25pF CH | C263    | 046-1022-58 | 50V 1000pF     | C511    | 168-1052-78 | 16V 1uF K    |
| C115    | 046-1022-58 | 50V 1000pF     | C264    | 046-1042-78 | 0.1uF K B      | C512    | 168-1022-55 | 1000pF K     |
| C116    | 045-1501-50 | 15pFJ CH       | C265    | 046-4712-58 | 470pF K B      | C513    | 042-1769-90 | 6.3V 220uF M |
| C117    | 046-1042-78 | 0.1uF K B      | C266    | 046-1042-78 | 0.1uF K B      | C514    | 043-0554-90 | 25V 10uF     |
| C120    | 045-3901-50 | 39pFJ CH       | C268    | 046-1042-78 | 0.1uF K B      | C515    | 168-1042-78 | 16V 0.1uF K  |
| C121    | 045-1011-50 | 100pFJ CH      | C269    | 046-1022-58 | 50V 1000pF     | C516    | 168-1042-78 | 16V 0.1uF K  |
| C122    | 045-1211-50 | 120pFJ CH      | C271    | 046-1022-58 | 50V 1000pF     | C517    | 168-3342-58 | 0.33uF K     |
| C123    | 046-3922-58 | 3900pF K B     | C272    | 046-1022-58 | 50V 1000pF     | C518    | 168-1042-78 | 16V 0.1uF K  |
| C124    | 046-1022-58 | 50V 1000pF     | C273    | 046-1022-58 | 50V 1000pF     | C519    | 166-1501-50 | 15pF CH      |
| C125    | 046-1042-78 | 0.1uF K B      | C275    | 042-0643-58 | 6.3V 330uF     | C520    | 165-4763-15 | 6.3V 47uF    |
| C126    | 168-3342-58 | 0.33uF K       | C276    | 046-1042-78 | 0.1uF K B      | C521    | 042-1769-90 | 6.3V 220uF M |
| C127    | 046-1032-78 | 0.01uF K B     | C278    | 046-6812-58 | 680pF K B      | C522    | 168-1042-78 | 16V 0.1uF K  |
| C128    | 046-1032-78 | 0.01uF K B     | C279    | 046-6812-58 | 680pF K B      | C523    | 168-1042-78 | 16V 0.1uF K  |
| C129    | 045-5096-50 | 5 +/-0.25pF CH | C280    | 046-6812-58 | 680pF K B      | C524    | 168-1052-78 | 16V 1uF K    |
| C130    | 046-3322-58 | 3300pF K B     | C281    | 046-6812-58 | 680pF K B      | C525    | 168-1022-55 | 1000pF K     |
| C131    | 046-2232-78 | 0.022uF K B    | C294    | 119-0000-05 | 1/10W 0 ohm JW | C526    | 168-1022-55 | 1000pF K     |
| C132    | 046-1022-58 | 50V 1000pF     | C295    | 119-0000-05 | 1/10W 0 ohm JW | C527    | 168-1042-78 | 16V 0.1uF K  |
| C133    | 046-2232-78 | 0.022uF K B    | C296    | 119-0000-05 | 1/10W 0 ohm JW | C528    | 168-3342-58 | 0.33uF K     |
| C134    | 043-0552-90 | 6.3V 47uF M    | C301    | 168-1042-78 | 16V 0.1uF K    | C529    | 165-1073-35 | 16V 100uF    |
| C135    | 168-2242-58 | 0.22uF K       | C302    | 165-1073-35 | 16V 100uF      | C531    | 168-1022-55 | 1000pF K     |
| C136    | 046-2232-78 | 0.022uF K B    | C303    | 165-1073-35 | 16V 100uF      | C601    | 165-4763-15 | 6.3V 47uF    |
| C137    | 046-2232-78 | 0.022uF K B    | C304    | 178-2732-78 | 0.027uF        | C602    | 168-1042-78 | 16V 0.1uF K  |
| C138    | 046-2232-78 | 0.022uF K B    | C305    | 178-2732-78 | 0.027uF        | C603    | 168-1022-55 | 1000pF K     |
| C139    | 046-2232-78 | 0.022uF K B    | C306    | 178-2732-78 | 0.027uF        | C604    | 168-1042-38 | 50V 0.1uF K  |
| C148    | 046-1022-58 | 50V 1000pF     | C307    | 178-2732-78 | 0.027uF        | C606    | 165-1073-35 | 16V 100uF    |
| C151    | 043-6401-90 | 16V 10uF       | C308    | 168-1042-78 | 16V 0.1uF K    | C608    | 168-1042-78 | 16V 0.1uF K  |
| C203    | 178-2255-79 | 2.2uF          | C311    | 166-5611-50 | 560pF CH       | C612    | 165-1053-65 | 50V 1uF      |
| C204    | 178-2255-79 | 2.2uF          | C312    | 166-5611-50 | 560pF CH       | C614    | 165-4763-15 | 6.3V 47uF    |
| C205    | 178-2255-79 | 2.2uF          | C313    | 166-2711-50 | 270pF CH       | C616    | 168-1042-78 | 16V 0.1uF K  |
| C206    | 178-2255-79 | 2.2uF          | C315    | 166-2711-50 | 270pF CH       | C617    | 168-1022-55 | 1000pF K     |
| C207    | 166-2201-50 | 22pF CH        | C316    | 166-2201-50 | 22pF CH        | C619    | 168-1042-38 | 50V 0.1uF K  |
| C208    | 166-2201-50 | 22pF CH        | C317    | 166-2201-50 | 22pF CH        | C620    | 043-6401-90 | 16V 10uF     |
| C209    | 166-2201-50 | 22pF CH        | C319    | 168-1042-78 | 16V 0.1uF K    | C621    | 165-1073-15 | 6.3V 100uF   |
| C210    | 166-2201-50 | 22pF CH        | C320    | 165-1073-35 | 16V 100uF      | C622    | 168-1042-78 | 16V 0.1uF K  |
| C211    | 168-4752-98 | 4.7uF K        | C321    | 166-2201-50 | 22pF CH        | C623    | 168-3342-58 | 0.33uF K     |
| C212    | 168-4752-98 | 4.7uF K        | C322    | 166-2201-50 | 22pF CH        | C624    | 165-4763-15 | 6.3V 47uF    |
| C213    | 178-1052-78 | 25V 1uF        | C325    | 165-1073-35 | 16V 100uF      | C625    | 168-1042-78 | 16V 0.1uF K  |
| C214    | 178-1052-78 | 25V 1uF        | C328    | 166-5611-50 | 560pF CH       | C626    | 165-1073-35 | 16V 100uF    |
| C219    | 046-1042-78 | 0.1uF K B      | C331    | 166-5611-50 | 560pF CH       | C627    | 168-1042-78 | 16V 0.1uF K  |
| C222    | 166-2201-50 | 22pF CH        | C332    | 166-2711-50 | 270pF CH       | C628    | 168-1042-78 | 16V 0.1uF K  |
| C223    | 166-2201-50 | 22pF CH        | C334    | 166-2711-50 | 270pF CH       | C630    | 168-1042-38 | 50V 0.1uF K  |
| C227    | 046-1042-78 | 0.1uF K B      | C353    | 168-2242-58 | 0.22uF K       | C631    | 165-4763-35 | 16V 47uF     |
| C228    | 046-1042-78 | 0.1uF K B      | C354    | 168-2242-58 | 0.22uF K       | C633    | 165-1073-35 | 16V 100uF    |
| C229    | 046-2232-78 | 0.022uF K B    | C355    | 168-2242-58 | 0.22uF K       | C634    | 168-1042-78 | 16V 0.1uF K  |
| C230    | 046-2232-78 | 0.022uF K B    | C356    | 168-2242-58 | 0.22uF K       | C635    | 168-1042-38 | 50V 0.1uF K  |
| C231    | 046-2232-78 | 0.022uF K B    | C357    | 168-1052-78 | 16V 1uF K      | C636    | 165-1073-35 | 16V 100uF    |
| C232    | 046-2232-78 | 0.022uF K B    | C360    | 165-1063-35 | 16V 10uF       | C637    | 043-8000-90 | 50V 0.1uF    |
| C233    | 046-1042-78 | 0.1uF K B      | C367    | 168-1052-78 | 16V 1uF K      | C638    | 189-4783-12 | 6.3V 4700uF  |
| C234    | 046-1042-78 | 0.1uF K B      | C368    | 168-1052-78 | 16V 1uF K      | C639    | 168-3342-58 | 0.33uF K     |
| C235    | 046-1022-58 | 50V 1000pF     | C401    | 168-1032-55 | 0.01uF K       | C640    | 168-1022-55 | 1000pF K     |
| C236    | 045-1007-50 | 10 +/-0.5pF CH | C402    | 168-1042-78 | 16V 0.1uF K    | C641    | 168-1042-78 | 16V 0.1uF K  |
| C238    | 046-1042-78 | 0.1uF K B      | C403    | 168-4752-98 | 4.7uF K        | C642    | 042-1769-90 | 6.3V 220uF M |
| C239    | 045-1007-50 | 10 +/-0.5pF CH | C404    | 165-1073-35 | 16V 100uF      | C643    | 166-4711-50 | 470pF CH     |
| C240    | 168-4752-98 | 4.7uF K        | C405    | 168-1032-55 | 0.01uF K       | C644    | 043-0552-90 | 6.3V 47uF M  |
| C242    | 043-0559-90 | 6.3V 22uF      | C406    | 168-1032-55 | 0.01uF K       | C645    | 168-1032-55 | 0.01uF K     |
| C243    | 046-4732-78 | 0.047uF K B    | C407    | 166-1007-50 | 10pF CH        | C646    | 043-0605-90 | 10V 2.2uF    |
| C245    | 042-1769-90 | 6.3V 220uF M   | C408    | 166-1007-50 | 10pF CH        | C647    | 168-1032-55 | 0.01uF K     |
| C246    | 046-1042-78 | 0.1uF K B      | C410    | 168-1042-78 | 16V 0.1uF K    | C648    | 043-0552-90 | 6.3V 47uF M  |
| C247    | 046-1042-78 | 0.1uF K B      | C411    | 168-6822-55 | 6800pF K       | C649    | 043-0540-00 | 6.3V 10uF    |
| C249    | 168-4752-98 | 4.7uF K        | C412    | 168-1032-55 | 0.01uF K       | C650    | 168-1042-78 | 16V 0.1uF K  |
| C250    | 046-1042-78 | 0.1uF K B      | C415    | 168-1042-78 | 16V 0.1uF K    | C651    | 042-1769-90 | 6.3V 220uF M |
| C251    | 168-1042-78 | 16V 0.1uF K    | C416    | 043-0552-90 | 6.3V 47uF M    | C652    | 046-1022-58 | 50V 1000pF   |
| C252    | 042-1769-90 | 6.3V 220uF M   | C501    | 168-1042-78 | 16V 0.1uF K    | C802    | 168-2212-55 | 220pF K      |
| C253    | 046-1042-78 | 0.1uF K B      | C502    | 168-4722-55 | 4700pF K       | C803    | 168-2212-55 | 220pF K      |
| C254    | 043-0552-90 | 6.3V 47uF M    | C503    | 168-1042-78 | 16V 0.1uF K    | C804    | 168-1022-55 | 1000pF K     |
| C255    | 046-1042-78 | 0.1uF K B      | C504    | 043-0603-90 | 16V 10uF       | C806    | 168-1042-78 | 16V 0.1uF K  |
| C258    | 168-1052-78 | 16V 1uF K      | C505    | 168-1042-78 | 16V 0.1uF K    | C807    | 168-1032-55 | 0.01uF K     |

| REF No. | PART No.    | DESCRIPTION                                | REF No. | PART No.    | DESCRIPTION                                | REF No. | PART No.    | DESCRIPTION      |
|---------|-------------|--------------------------------------------|---------|-------------|--------------------------------------------|---------|-------------|------------------|
| C812    | 166-1007-50 | 10pF CH                                    |         |             | (Software should be written on production) | Q401    | 192-4116-51 | 2SC4116 G,L      |
| C813    | 165-1063-35 | 16V 10uF                                   |         |             |                                            | Q402    | 192-4116-51 | 2SC4116 G,L      |
| C814    | 043-8000-90 | 50V 0.1uF                                  | IC404   | 051-5441-08 | BD4828G-TR                                 | Q404    | 190-1576-00 | 2SA1576A         |
| C815    | 166-1007-50 | 10pF CH                                    | IC501   | -----       | AK4633VN                                   | Q501    | 125-0021-91 | DTA114EUA        |
| C816    | 165-1053-65 | 50V 1uF                                    |         |             | (thermal pad type)                         | Q602    | 191-1197-50 | 2SB1197K Q,R     |
| C817    | 043-8000-90 | 50V 0.1uF                                  |         |             | (653190-051)                               | Q603    | 192-4116-51 | 2SC4116 G,L      |
| C818    | 042-1624-00 | 16V 4700uF                                 | IC502   | 051-3026-90 | NJM4580V                                   | Q604    | 191-1197-50 | 2SB1197K Q,R     |
| C819    | 165-1063-35 | 16V 10uF                                   | IC503   | 051-3718-90 | NJM2846DL3-15                              | Q605    | 192-4116-51 | 2SC4116 G,L      |
| C820    | 165-1073-35 | 16V 100uF                                  | IC504   | 051-3553-90 | NJM2865F3-05                               | Q804    | 125-2027-91 | DTC114EUA        |
| C821    | 165-1063-35 | 16V 10uF                                   | IC505   | 051-3367-90 | NJU7780U1-33-TE2                           | Q805    | 190-1586-00 | 2SA1586 O,Y,G    |
| C822    | 168-8212-55 | 820pF K                                    | IC506   | 051-3396-90 | NJM2386ADL3-33-TE1                         | Q808    | 192-5810-00 | 2SC5810 TE12L    |
| C823    | 168-8212-55 | 820pF K                                    |         |             |                                            | Q809    | 190-2071-00 | 2SA2071          |
| C824    | 166-1011-50 | 100pF CH                                   | IC601   | 051-3333-00 | NJM2396F05                                 | Q810    | 192-4116-51 | 2SC4116 G,L      |
| C825    | 168-8212-55 | 820pF K                                    | IC602   | 051-3397-90 | NJM2386ADL3-09-TE1                         | Q811    | 125-0021-91 | DTA114EUA        |
| C826    | 168-8212-55 | 820pF K                                    |         |             |                                            | Q812    | 125-2027-91 | DTC114EUA        |
| C827    | 168-8212-55 | 820pF K                                    | IC604   | 051-3333-00 | NJM2396F05                                 | Q813    | 192-5886-00 | 2SC5886          |
| C828    | 168-8212-55 | 820pF K                                    | IC605   | 051-3719-90 | NJM2886DL3-33                              | Q814    | 192-4116-51 | 2SC4116 G,L      |
| C829    | 168-8212-55 | 820pF K                                    | IC606   | 051-3367-90 | NJU7780U1-33-TE2                           | Q815    | 192-4116-51 | 2SC4116 G,L      |
| C830    | 168-8212-55 | 820pF K                                    | IC607   | 051-3366-00 | NJM2396F08                                 | Q816    | 190-1586-00 | 2SA1586 O,Y,G    |
| C831    | 168-1042-78 | 16V 0.1uF K                                | IC608   | 051-3585-90 | BD3571HFP                                  | Q817    | 125-0021-91 | DTA114EUA        |
| C832    | 168-1022-55 | 1000pF K                                   | IC609   | 051-3396-90 | NJM2386ADL3-33-TE1                         | Q818    | 125-2027-91 | DTC114EUA        |
| C833    | 168-1032-55 | 0.01uF K                                   |         |             |                                            | Q819    | 192-2873-00 | 2SC2873          |
| C834    | 168-1042-78 | 16V 0.1uF K                                | IC610   | 051-3628-90 | OZ529IGN-A1-0-TR                           | Q820    | 192-2873-00 | 2SC2873          |
| C835    | 168-1022-55 | 1000pF K                                   | J401    | 076-3011-74 | 24P                                        | Q821    | 192-4116-51 | 2SC4116 G,L      |
| C836    | 168-1042-78 | 16V 0.1uF K                                | J501    | 076-3011-70 | 20P                                        | Q822    | 190-2071-00 | 2SA2071          |
| C837    | 042-4043-90 | 35V 4.7uF                                  | J601    | 074-2261-00 | 50P                                        | Q823    | 192-4116-51 | 2SC4116 G,L      |
| C838    | 168-1022-55 | 1000pF K                                   | J801    | 074-1302-16 | 16P                                        | Q824    | 192-4116-00 | 2SC4116          |
| C839    | 165-1063-35 | 16V 10uF                                   | J802    | 074-4009-20 | 20P                                        | Q825    | 190-2088-00 | 2SA2088-T106     |
| C840    | 168-1042-78 | 16V 0.1uF K                                | L107    | 010-3062-54 | 290nH                                      | Q826    | 192-2814-51 | 2SC2814-4/5-TB-E |
| C841    | 165-1073-35 | 16V 100uF                                  | L108    | 010-3406-56 | 3.3uH J                                    | Q827    | 192-2814-51 | 2SC2814-4/5-TB-E |
| C843    | 168-1042-78 | 16V 0.1uF K                                | L109    | 010-3062-56 | 0.5uH                                      | Q828    | 190-2088-00 | 2SA2088-T106     |
| C2005   | 045-5601-50 | 56pFJ CH                                   | L110    | 010-3062-53 | 0.215uH                                    | R107    | 033-4741-15 | 1/16W 470k ohm J |
| C2006   | 045-5601-50 | 56pFJ CH                                   | L111    | 010-3439-51 | 1.8uH                                      | R108    | 033-4741-15 | 1/16W 470k ohm J |
| D101    | 001-9013-90 | BA891                                      | L113    | 010-2290-52 | 330uH                                      | R109    | 033-3311-15 | 1/16W 330 ohm J  |
| D102    | 001-9013-90 | BA891                                      | L114    | 010-2290-52 | 330uH                                      | R110    | 033-1811-15 | 1/16W 180 ohm J  |
| D103    | 001-0516-90 | MA111                                      | L115    | 010-3105-62 | 1k ohm/100MHz                              | R111    | 033-5601-15 | 1/16W 56 ohm J   |
| D403    | 001-0535-90 | MA729                                      | L201    | 010-3104-54 | 600 ohm/100MHz                             | R115    | 033-4731-15 | 1/16W 47k ohm J  |
| D404    | 001-0516-90 | MA111                                      | L202    | 010-3104-54 | 600 ohm/100MHz                             | R117    | 033-2231-15 | 1/16W 22k ohm J  |
| D501    | 001-0516-90 | MA111                                      | L204    | 010-3104-54 | 600 ohm/100MHz                             | R118    | 033-3921-15 | 1/16W 3.9k ohm J |
| D605    | 001-2403-90 | M1F60                                      | L205    | 010-3105-62 | 1k ohm/100MHz                              | R121    | 033-0000-05 | 1/16W 0 ohm      |
| D606    | 001-2620-90 | RB060L-40                                  | L206    | 010-3104-54 | 600 ohm/100MHz                             | R122    | 033-0000-05 | 1/16W 0 ohm      |
| D803    | 001-2403-90 | M1F60                                      | L207    | 010-3104-54 | 600 ohm/100MHz                             | R123    | 033-0000-05 | 1/16W 0 ohm      |
| D810    | 001-0535-90 | MA729                                      | L208    | 010-3104-54 | 600 ohm/100MHz                             | R124    | 033-1811-15 | 1/16W 180 ohm J  |
| D811    | 001-0516-90 | MA111                                      | L209    | 010-3104-54 | 600 ohm/100MHz                             | R125    | 033-1811-15 | 1/16W 180 ohm J  |
| D816    | 001-2403-90 | M1F60                                      | L210    | 010-3104-54 | 600 ohm/100MHz                             | R128    | 033-0000-05 | 1/16W 0 ohm      |
| D818    | 001-2403-90 | M1F60                                      | L213    | 010-3104-54 | 600 ohm/100MHz                             | R129    | 033-0000-05 | 1/16W 0 ohm      |
| D819    | 001-2403-90 | M1F60                                      | L214    | 010-3104-54 | 600 ohm/100MHz                             | R131    | 033-1201-15 | 1/16W 12 ohm     |
| D823    | 001-2403-90 | M1F60                                      | L215    | 010-3104-54 | 600 ohm/100MHz                             | R132    | 119-0000-05 | 1/10W 0 ohm JW   |
| D824    | 001-2403-90 | M1F60                                      | L216    | 010-3104-54 | 600 ohm/100MHz                             | R133    | 033-1051-15 | 1/16W 1M ohm J   |
| D825    | 001-0580-90 | 1SS352                                     | L217    | 010-3105-62 | 1k ohm/100MHz                              | R134    | 033-1051-15 | 1/16W 1M ohm J   |
| D827    | 001-2403-90 | M1F60                                      | L218    | 010-3105-62 | 1k ohm/100MHz                              | R201    | 032-0140-51 | 1/10W 15k ohm F  |
| IC101   | -----       | NJM2886DL3-05-TE1                          | L219    | 010-3104-54 | 600 ohm/100MHz                             | R202    | 032-0140-51 | 1/10W 15k ohm F  |
|         |             | (thermal pad type)                         | L220    | 010-3105-62 | 1k ohm/100MHz                              | R203    | 032-0140-51 | 1/10W 15k ohm F  |
|         |             | (336890-051)                               | L221    | 010-3104-54 | 600 ohm/100MHz                             | R204    | 032-0140-51 | 1/10W 15k ohm F  |
| IC102   | -----       | TEF7000                                    | L222    | 010-3104-54 | 600 ohm/100MHz                             | R206    | 119-1031-15 | 1/10W 10k ohm    |
|         |             | (thermal pad type)                         | L223    | 010-3104-54 | 600 ohm/100MHz                             | R211    | 119-2201-15 | 1/10W 22 ohm     |
|         |             | (402590-051)                               | L237    | 119-0000-05 | 1/10W 0 ohm JW                             | R212    | 119-2201-15 | 1/10W 22 ohm     |
| IC201   | -----       | SAF7741HV/N125                             | L238    | 119-0000-05 | 1/10W 0 ohm JW                             | R213    | 032-0140-51 | 1/10W 15k ohm F  |
|         |             | (DSP)                                      | L239    | 119-0000-05 | 1/10W 0 ohm JW                             | R214    | 032-0140-51 | 1/10W 15k ohm F  |
|         |             | (thermal pad type)                         | L278    | 010-3104-54 | 600 ohm/100MHz                             | R217    | 033-0000-05 | 1/16W 0 ohm      |
|         |             | (674700-051)                               | L285    | 010-3104-54 | 600 ohm/100MHz                             | R218    | 033-0000-05 | 1/16W 0 ohm      |
| IC203   | 125-7007-90 | Si5441BDC-TI-E3                            | L301    | 010-3104-54 | 600 ohm/100MHz                             | R219    | 033-1011-15 | 1/16W 100 ohm J  |
| IC301   | 051-3034-90 | NJM4558V                                   | L302    | 010-3104-54 | 600 ohm/100MHz                             | R220    | 119-1031-15 | 1/10W 10k ohm    |
| IC302   | 051-3019-90 | NJM2060V                                   | L303    | 010-3104-54 | 600 ohm/100MHz                             | R221    | 032-0140-89 | 1/10W 47k ohm F  |
| IC305   | 051-2064-00 | TB2926HQ                                   | L402    | 010-3406-54 | 2.2uH J                                    | R222    | 032-0140-89 | 1/10W 47k ohm F  |
| IC401   | -----       | R5F64168PFB                                | L501    | 010-3100-68 | 3.3uH J                                    | R223    | 119-1031-15 | 1/10W 10k ohm    |
|         |             | (FLASH)                                    | L502    | 010-3104-54 | 600 ohm/100MHz                             | R224    | 032-0140-89 | 1/10W 47k ohm F  |
|         |             | (Software should be written on production) | L601    | 010-3108-53 | 330 ohm/100MHz                             | R225    | 032-0140-89 | 1/10W 47k ohm F  |
|         |             | (034830-052)                               | L603    | 010-3057-92 | 47uH 620mA                                 | R226    | 119-2201-15 | 1/10W 22 ohm     |
| IC402   | 051-5481-90 | S-1009N30I-M5T1U                           | L801    | 010-3105-62 | 1k ohm/100MHz                              | R227    | 033-0000-05 | 1/16W 0 ohm      |
| IC403   | -----       | S-24C16CI-J8T5U3                           | L802    | 010-3105-62 | 1k ohm/100MHz                              | R228    | 033-0000-05 | 1/16W 0 ohm      |
|         |             | (E2PROM)                                   | L805    | 010-8026-00 | 210uH                                      | R229    | 033-0000-05 | 1/16W 0 ohm      |
|         |             | (942640-051)                               | L806    | 010-3105-62 | 1k ohm/100MHz                              | R230    | 033-0000-05 | 1/16W 0 ohm      |
|         |             |                                            | P401    | 076-0478-59 | 9P                                         | R231    | 033-0000-05 | 1/16W 0 ohm      |

| REF No. | PART No.    | DESCRIPTION     | REF No. | PART No.    | DESCRIPTION      | REF No. | PART No.    | DESCRIPTION      |
|---------|-------------|-----------------|---------|-------------|------------------|---------|-------------|------------------|
| R232    | 033-0000-05 | 1/16W 0 ohm     | R433    | 033-1021-15 | 1/16W 1k ohm J   | R605    | 116-0000-05 | 1/4W 0 ohm JW    |
| R233    | 032-0140-50 | 1/10W 10k ohm F | R434    | 033-4731-15 | 1/16W 47k ohm J  | R606    | 033-4731-15 | 1/16W 47k ohm J  |
| R234    | 032-0140-50 | 1/10W 10k ohm F | R435    | 119-1031-15 | 1/10W 10k ohm    | R616    | 033-0000-05 | 1/16W 0 ohm      |
| R235    | 033-0000-05 | 1/16W 0 ohm     | R436    | 033-1021-15 | 1/16W 1k ohm J   | R618    | 116-0000-05 | 1/4W 0 ohm JW    |
| R236    | 033-0000-05 | 1/16W 0 ohm     | R437    | 033-4731-15 | 1/16W 47k ohm J  | R619    | 033-4731-15 | 1/16W 47k ohm J  |
| R237    | 119-1011-15 | 1/10W 100 ohm   | R438    | 033-4721-15 | 1/16W 4.7k ohm J | R620    | 033-1021-15 | 1/16W 1k ohm J   |
| R238    | 119-1011-15 | 1/10W 100 ohm   | R439    | 032-0140-72 | 1/10W 470 ohm F  | R621    | 033-1031-15 | 1/16W 10k ohm J  |
| R239    | 119-1031-15 | 1/10W 10k ohm   | R440    | 033-0000-05 | 1/16W 0 ohm      | R622    | 033-1031-15 | 1/16W 10k ohm J  |
| R240    | 119-1011-15 | 1/10W 100 ohm   | R441    | 033-4721-15 | 1/16W 4.7k ohm J | R623    | 119-3321-15 | 1/10W 3.3k ohm   |
| R241    | 119-0000-05 | 1/10W 0 ohm JW  | R442    | 032-0140-72 | 1/10W 470 ohm F  | R624    | 119-0000-05 | 1/10W 0 ohm JW   |
| R242    | 119-0000-05 | 1/10W 0 ohm JW  | R443    | 033-0000-05 | 1/16W 0 ohm      | R625    | 033-1021-15 | 1/16W 1k ohm J   |
| R243    | 119-1001-15 | 1/10W 10 ohm    | R444    | 033-1031-15 | 1/16W 10k ohm J  | R626    | 033-1031-15 | 1/16W 10k ohm J  |
| R245    | 033-1021-15 | 1/16W 1k ohm J  | R445    | 119-1021-15 | 1/10W 1k ohm     | R627    | 033-1031-15 | 1/16W 10k ohm J  |
| R246    | 033-1021-15 | 1/16W 1k ohm J  | R446    | 033-4721-15 | 1/16W 4.7k ohm J | R628    | 119-3321-15 | 1/10W 3.3k ohm   |
| R247    | 033-1021-15 | 1/16W 1k ohm J  | R447    | 119-1011-15 | 1/10W 100 ohm    | R629    | 116-0000-05 | 1/4W 0 ohm JW    |
| R248    | 033-1021-15 | 1/16W 1k ohm J  | R449    | 033-1031-15 | 1/16W 10k ohm J  | R631    | 119-0000-05 | 1/10W 0 ohm JW   |
| R249    | 119-1011-15 | 1/10W 100 ohm   | R450    | 033-4721-15 | 1/16W 4.7k ohm J | R632    | 032-0231-52 | 1W 33 ohm        |
| R250    | 119-1011-15 | 1/10W 100 ohm   | R451    | 119-1011-15 | 1/10W 100 ohm    | R633    | 032-0231-52 | 1W 33 ohm        |
| R265    | 119-1031-15 | 1/10W 10k ohm   | R453    | 033-1031-15 | 1/16W 10k ohm J  | R634    | 033-4731-15 | 1/16W 47k ohm J  |
| R268    | 119-2201-15 | 1/10W 22 ohm    | R454    | 033-1021-15 | 1/16W 1k ohm J   | R635    | 119-1241-15 | 1/10W 120k ohm   |
| R269    | 119-0000-05 | 1/10W 0 ohm JW  | R455    | 033-4731-15 | 1/16W 47k ohm J  | R636    | 119-1031-15 | 1/10W 10k ohm    |
| R270    | 119-0000-05 | 1/10W 0 ohm JW  | R456    | 033-0000-05 | 1/16W 0 ohm      | R637    | 032-0210-22 | 1/10W 62k ohm F  |
| R271    | 119-0000-05 | 1/10W 0 ohm JW  | R457    | 119-1031-15 | 1/10W 10k ohm    | R638    | 032-0210-53 | 1/10W 15k ohm 1% |
| R279    | 119-1001-15 | 1/10W 10 ohm    | R465    | 119-1231-15 | 1/10W 12k ohm    | R639    | 119-1041-15 | 1/10W 100k ohm   |
| R286    | 119-1031-15 | 1/10W 10k ohm   | R466    | 033-1031-15 | 1/16W 10k ohm J  | R641    | 032-0210-54 | 1/10W 33k ohm 1% |
| R287    | 119-1031-15 | 1/10W 10k ohm   | R467    | 119-4721-15 | 1/10W 4.7k ohm   | R642    | 032-0210-65 | 1/10W 27k ohm F  |
| R290    | 033-0000-05 | 1/16W 0 ohm     | R470    | 119-4731-15 | 1/10W 47k ohm    | R643    | 119-4711-15 | 1/10W 470 ohm    |
| R291    | 033-0000-05 | 1/16W 0 ohm     | R471    | 119-1011-15 | 1/10W 100 ohm    | R645    | 119-4711-15 | 1/10W 470 ohm    |
| R301    | 119-0000-05 | 1/10W 0 ohm JW  | R472    | 119-4731-15 | 1/10W 47k ohm    | R646    | 119-1031-15 | 1/10W 10k ohm    |
| R302    | 119-1031-15 | 1/10W 10k ohm   | R473    | 119-1011-15 | 1/10W 100 ohm    | R648    | 033-0000-05 | 1/16W 0 ohm      |
| R303    | 119-1031-15 | 1/10W 10k ohm   | R474    | 032-0140-06 | 1/10W 100 ohm F  | R806    | 033-1031-15 | 1/16W 10k ohm J  |
| R304    | 119-1031-15 | 1/10W 10k ohm   | R475    | 032-0140-06 | 1/10W 100 ohm F  | R807    | 033-1031-15 | 1/16W 10k ohm J  |
| R305    | 119-1031-15 | 1/10W 10k ohm   | R476    | 032-0140-82 | 1/10W 150k ohm F | R808    | 033-4721-15 | 1/16W 4.7k ohm J |
| R308    | 119-1031-15 | 1/10W 10k ohm   | R477    | 032-0148-50 | 1/10W 100k ohm D | R809    | 033-4721-15 | 1/16W 4.7k ohm J |
| R309    | 119-1031-15 | 1/10W 10k ohm   | R478    | 119-3331-15 | 1/10W 33k ohm    | R810    | 116-1011-15 | 1/4W 100 ohm     |
| R315    | 119-4741-15 | 1/10W 470k ohm  | R479    | 119-1041-15 | 1/10W 100k ohm   | R811    | 033-1031-15 | 1/16W 10k ohm J  |
| R316    | 119-4741-15 | 1/10W 470k ohm  | R480    | 033-4731-15 | 1/16W 47k ohm J  | R812    | 033-0000-05 | 1/16W 0 ohm      |
| R317    | 119-4741-15 | 1/10W 470k ohm  | R482    | 119-5621-15 | 1/10W 5.6k ohm   | R813    | 033-1031-15 | 1/16W 10k ohm J  |
| R318    | 119-4741-15 | 1/10W 470k ohm  | R484    | 119-1021-15 | 1/10W 1k ohm     | R814    | 033-4721-15 | 1/16W 4.7k ohm J |
| R322    | 119-8211-15 | 1/10W 820 ohm   | R487    | 119-4731-15 | 1/10W 47k ohm    | R815    | 119-1031-15 | 1/10W 10k ohm    |
| R323    | 119-1021-15 | 1/10W 1k ohm    | R488    | 119-3321-15 | 1/10W 3.3k ohm   | R816    | 119-4721-15 | 1/10W 4.7k ohm   |
| R325    | 119-1031-15 | 1/10W 10k ohm   | R489    | 119-1831-15 | 1/10W 18k ohm    | R817    | 119-1021-15 | 1/10W 1k ohm     |
| R327    | 119-1031-15 | 1/10W 10k ohm   | R492    | 119-0000-05 | 1/10W 0 ohm JW   | R818    | 033-4721-15 | 1/16W 4.7k ohm J |
| R340    | 119-1031-15 | 1/10W 10k ohm   | R494    | 119-3331-15 | 1/10W 33k ohm    | R820    | 119-0000-05 | 1/10W 0 ohm JW   |
| R341    | 119-2221-15 | 1/10W 2.2k ohm  | R495    | 119-4721-15 | 1/10W 4.7k ohm   | R821    | 119-2221-15 | 1/10W 2.2k ohm   |
| R342    | 119-2221-15 | 1/10W 2.2k ohm  | R496    | 119-4721-15 | 1/10W 4.7k ohm   | R822    | 033-1031-15 | 1/16W 10k ohm J  |
| R343    | 119-2221-15 | 1/10W 2.2k ohm  | R497    | 119-4721-15 | 1/10W 4.7k ohm   | R824    | 119-1021-15 | 1/10W 1k ohm     |
| R344    | 119-2221-15 | 1/10W 2.2k ohm  | R499    | 033-1031-15 | 1/16W 10k ohm J  | R828    | 119-1021-15 | 1/10W 1k ohm     |
| R361    | 119-3331-15 | 1/10W 33k ohm   | R501    | 119-1011-15 | 1/10W 100 ohm    | R839    | 032-0092-56 | 1/8W 22k ohm F   |
| R402    | 119-2231-15 | 1/10W 22k ohm   | R502    | 119-1011-15 | 1/10W 100 ohm    | R840    | 032-0092-31 | 1/8W 150k ohm F  |
| R403    | 119-2231-15 | 1/10W 22k ohm   | R503    | 119-2201-15 | 1/10W 22 ohm     | R841    | 117-1031-15 | 1/8W 10k ohm     |
| R407    | 033-1011-15 | 1/16W 100 ohm J | R504    | 119-2201-15 | 1/10W 22 ohm     | R842    | 116-2221-15 | 1/4W 2.2k ohm    |
| R408    | 033-1011-15 | 1/16W 100 ohm J | R505    | 119-2201-15 | 1/10W 22 ohm     | R843    | 119-3321-15 | 1/10W 3.3k ohm   |
| R410    | 033-1021-15 | 1/16W 1k ohm J  | R506    | 119-2201-15 | 1/10W 22 ohm     | R844    | 032-0092-51 | 1/8W 1k ohm F    |
| R411    | 119-3321-15 | 1/10W 3.3k ohm  | R507    | 119-1011-15 | 1/10W 100 ohm    | R845    | 116-5621-15 | 1/4W 5.6k ohm    |
| R412    | 119-4721-15 | 1/10W 4.7k ohm  | R508    | 119-0000-05 | 1/10W 0 ohm JW   | R846    | 033-1031-15 | 1/16W 10k ohm J  |
| R413    | 119-4721-15 | 1/10W 4.7k ohm  | R509    | 119-1031-15 | 1/10W 10k ohm    | R847    | 116-2221-15 | 1/4W 2.2k ohm    |
| R414    | 033-0000-05 | 1/16W 0 ohm     | R510    | 119-1031-15 | 1/10W 10k ohm    | R848    | 119-1221-15 | 1/10W 1.2k ohm   |
| R415    | 033-1021-15 | 1/16W 1k ohm J  | R511    | 119-0000-05 | 1/10W 0 ohm JW   | R849    | 116-4721-15 | 1/4W 4.7k ohm    |
| R416    | 119-3321-15 | 1/10W 3.3k ohm  | R514    | 119-1031-15 | 1/10W 10k ohm    | R850    | 116-1021-15 | 1/4W 1k ohm      |
| R417    | 119-4721-15 | 1/10W 4.7k ohm  | R515    | 119-1031-15 | 1/10W 10k ohm    | R851    | 033-4731-15 | 1/16W 47k ohm J  |
| R418    | 033-0000-05 | 1/16W 0 ohm     | R517    | 119-0000-05 | 1/10W 0 ohm JW   | R853    | 119-2231-15 | 1/10W 22k ohm    |
| R421    | 119-0000-05 | 1/10W 0 ohm JW  | R518    | 119-0000-05 | 1/10W 0 ohm JW   | R854    | 116-1821-15 | 1/4W 1.8k ohm    |
| R422    | 119-0000-05 | 1/10W 0 ohm JW  | R519    | 119-1031-15 | 1/10W 10k ohm    | R855    | 117-1821-15 | 1/8W 1.8k ohm    |
| R423    | 119-3331-15 | 1/10W 33k ohm   | R520    | 119-2031-15 | 1/10W 20k ohm    | R856    | 119-3331-15 | 1/10W 33k ohm    |
| R424    | 033-1021-15 | 1/16W 1k ohm J  | R521    | 119-4731-15 | 1/10W 47k ohm    | R858    | 119-3321-15 | 1/10W 3.3k ohm   |
| R425    | 119-3321-15 | 1/10W 3.3k ohm  | R522    | 119-2031-15 | 1/10W 20k ohm    | R859    | 033-1031-15 | 1/16W 10k ohm J  |
| R426    | 119-1031-15 | 1/10W 10k ohm   | R524    | 119-0000-05 | 1/10W 0 ohm JW   | R860    | 119-2221-15 | 1/10W 2.2k ohm   |
| R427    | 033-1021-15 | 1/16W 1k ohm J  | R525    | 119-0000-05 | 1/10W 0 ohm JW   | R861    | 116-4721-15 | 1/4W 4.7k ohm    |
| R428    | 119-3321-15 | 1/10W 3.3k ohm  | R527    | 119-2201-15 | 1/10W 22 ohm     | R864    | 116-1831-15 | 1/4W 18k ohm     |
| R429    | 033-1021-15 | 1/16W 1k ohm J  | R529    | 119-1031-15 | 1/10W 10k ohm    | R865    | 116-5611-15 | 1/4W 560 ohm     |
| R430    | 033-4731-15 | 1/16W 47k ohm J | R530    | 119-0000-05 | 1/10W 0 ohm JW   | R866    | 119-1031-15 | 1/10W 10k ohm    |
| R431    | 033-1031-15 | 1/16W 10k ohm J | R532    | 033-4731-15 | 1/16W 47k ohm J  | R867    | 116-2221-15 | 1/4W 2.2k ohm    |
| R432    | 033-4731-15 | 1/16W 47k ohm J | R604    | 116-0000-05 | 1/4W 0 ohm JW    | R868    | 119-3321-15 | 1/10W 3.3k ohm   |

| REF No. | PART No.    | DESCRIPTION      | REF No. | PART No.    | DESCRIPTION      | REF No. | PART No.    | DESCRIPTION      |
|---------|-------------|------------------|---------|-------------|------------------|---------|-------------|------------------|
| R869    | 116-2221-15 | 1/4W 2.2k ohm    | T112    | 010-4100-50 | 0.215uH          | VR830   | 001-9210-50 | AVR-M1608C270MTA |
| R870    | 033-4721-15 | 1/16W 4.7k ohm J | TH802   | 002-0318-21 | THERMISTOR       |         |             | AD               |
| R871    | 033-4721-15 | 1/16W 4.7k ohm J | VR808   | 001-9210-50 | AVR-M1608C270MTA | X201    | 061-3537-90 | 41.6MHz          |
| R872    | 116-2201-15 | 1/4W 22 ohm      |         |             | AD               | X401    | 061-3541-90 | 10.00MHz         |
| R873    | 116-2201-15 | 1/4W 22 ohm      | VR812   | 001-9210-50 | AVR-M1608C270MTA | ZD405   | 001-4301-48 | HZU 9.1B3        |
| R875    | 119-4731-15 | 1/10W 47k ohm    |         |             | AD               | ZD406   | 001-4301-25 | HZU4.7B1         |
| R876    | 119-1531-15 | 1/10W 15k ohm    | VR813   | 001-9210-50 | AVR-M1608C270MTA | ZD502   | 001-4320-50 | EDZC6.8B         |
| R877    | 119-3931-15 | 1/10W 39k ohm    |         |             | AD               | ZD804   | 001-4301-68 | HZU18B1          |
| R879    | 116-4721-15 | 1/4W 4.7k ohm    | VR814   | 001-9210-50 | AVR-M1608C270MTA | ZD815   | 001-4301-48 | HZU 9.1B3        |
| RN401   | 050-0140-54 | 1/32W 1k ohm x4J |         |             | AD               | ZD817   | 001-4912-90 | SM5S22A-HE3/2D   |
| RN402   | 050-0140-54 | 1/32W 1k ohm x4J | VR828   | 001-9210-50 | AVR-M1608C270MTA | ZD820   | 001-4301-44 | HZU8.2B2         |
| RN403   | 050-0140-54 | 1/32W 1k ohm x4J |         |             | AD               | PWB     | 039-4007-00 | PWB(WITHOUT      |
| RN404   | 050-0140-54 | 1/32W 1k ohm x4J | VR829   | 001-9210-50 | AVR-M1608C270MTA |         |             | COMPONENTS)      |
| SUP102  | 060-8057-90 | CSA20-141N-T     |         |             | AD               |         |             |                  |

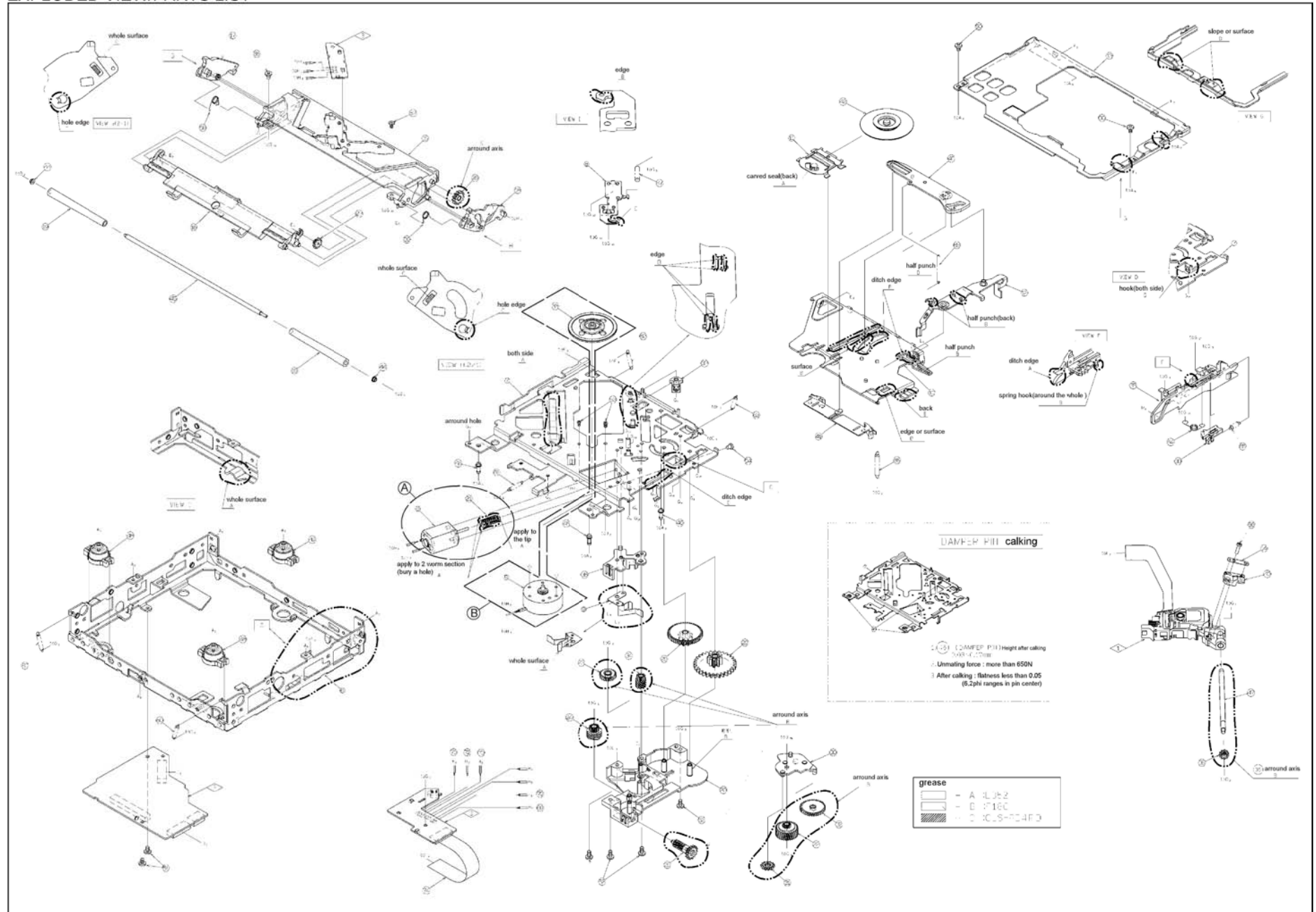
SW PWB(B2) section

| REF No. | PART No.    | DESCRIPTION       | REF No. | PART No.    | DESCRIPTION       | REF No. | PART No.    | DESCRIPTION             |
|---------|-------------|-------------------|---------|-------------|-------------------|---------|-------------|-------------------------|
| ANT1101 | 060-8094-50 | YMA1250-S100706   | D1037   | 001-7140-90 | SMLZ14WBECW1(A)   | R1054   | 119-5611-15 | 1/10W 560 ohm           |
| C1001   | 168-1022-55 | 1000pF K          |         |             | WHITE             | R1055   | 119-5611-15 | 1/10W 560 ohm           |
| C1002   | 168-1042-78 | 16V 0.1uF K       | D1038   | 001-7140-90 | SMLZ14WBECW1(A)   | R1059   | 119-5611-15 | 1/10W 560 ohm           |
| C1003   | 168-1042-78 | 16V 0.1uF K       |         |             | WHITE             | R1061   | 119-5611-15 | 1/10W 560 ohm           |
| C1004   | 168-1042-78 | 16V 0.1uF K       | D1039   | 001-7141-90 | VFHR1111C-48Y2A-T | R1065   | 119-1021-15 | 1/10W 1k ohm            |
| C1005   | 178-1052-78 | 25V 1uF           |         |             | R RED             | R1066   | 119-1021-15 | 1/10W 1k ohm            |
| C1006   | 166-5101-50 | 51pF CH           | D1040   | 001-7140-90 | SMLZ14WBECW1(A)   | R1067   | 119-1021-15 | 1/10W 1k ohm            |
| C1101   | 166-1021-50 | 1000pF CH         |         |             | WHITE             | R1068   | 119-1021-15 | 1/10W 1k ohm            |
| C1102   | 168-1042-78 | 16V 0.1uF K       | D1041   | 001-7140-90 | SMLZ14WBECW1(A)   | R1070   | 119-2221-15 | 1/10W 2.2k ohm          |
| C1103   | 043-0616-90 | 6.3V 33uF         |         |             | WHITE             | R1101   | 119-1031-15 | 1/10W 10k ohm           |
| C1104   | 168-1042-78 | 16V 0.1uF K       | D1042   | 001-7140-90 | SMLZ14WBECW1(A)   | R1104   | 119-4721-15 | 1/10W 4.7k ohm          |
| C1105   | 168-2212-55 | 220pF K           |         |             | WHITE             | R1105   | 119-1031-15 | 1/10W 10k ohm           |
| C1106   | 045-1011-50 | 100pFJ CH         | D1043   | 001-7140-90 | SMLZ14WBECW1(A)   | R1106   | 119-1011-15 | 1/10W 100 ohm           |
| C1107   | 045-1011-50 | 100pFJ CH         |         |             | WHITE             | R1107   | 119-1011-15 | 1/10W 100 ohm           |
| D1001   | 001-7141-90 | VFHR1111C-48Y2A-T | D1048   | 001-7140-90 | SMLZ14WBECW1(A)   | R1108   | 119-1011-15 | 1/10W 100 ohm           |
|         |             | R RED             |         |             | WHITE             | R1109   | 119-1031-15 | 1/10W 10k ohm           |
| D1002   | 001-7141-90 | VFHR1111C-48Y2A-T | D1049   | 001-7140-90 | SMLZ14WBECW1(A)   | R1110   | 119-1011-15 | 1/10W 100 ohm           |
|         |             | R RED             |         |             | WHITE             | R1111   | 119-1031-15 | 1/10W 10k ohm           |
| D1003   | 001-7141-90 | VFHR1111C-48Y2A-T | D1050   | 001-7140-90 | SMLZ14WBECW1(A)   | R1112   | 119-1011-15 | 1/10W 100 ohm           |
|         |             | R RED             |         |             | WHITE             | R1113   | 119-1031-15 | 1/10W 10k ohm           |
| D1004   | 001-7141-90 | VFHR1111C-48Y2A-T | D1051   | 001-7140-90 | SMLZ14WBECW1(A)   | R1114   | 119-1011-15 | 1/10W 100 ohm           |
|         |             | R RED             |         |             | WHITE             | R1115   | 119-1031-15 | 1/10W 10k ohm           |
| D1005   | 001-7141-90 | VFHR1111C-48Y2A-T | IC1001  | 051-6642-08 | LC75700T          | R1116   | 119-1011-15 | 1/10W 100 ohm           |
|         |             | R RED             | IC1002  | 051-6104-00 | NJU6626FG1-03     | R1117   | 119-1031-15 | 1/10W 10k ohm           |
| D1006   | 001-7141-90 | VFHR1111C-48Y2A-T | IC1101  | 060-8144-90 | UGZZA-305A        | R1118   | 119-1011-15 | 1/10W 100 ohm           |
|         |             | R RED             | IC1102  | 052-7106-00 | MX25L6406EM2I-12  | R1119   | 119-1031-15 | 1/10W 10k ohm           |
| D1007   | 001-7141-90 | VFHR1111C-48Y2A-T |         |             | G                 | R1120   | 119-1011-15 | 1/10W 100 ohm           |
|         |             | R RED             | J1001   | 074-3055-24 | SOCKET(24P)       | R1121   | 119-1011-15 | 1/10W 100 ohm           |
| D1008   | 001-7141-90 | VFHR1111C-48Y2A-T | J1102   | 074-3055-20 | SOCKET(20P)       | R1122   | 119-1011-15 | 1/10W 100 ohm           |
|         |             | R RED             | L1001   | 010-3406-66 | 22uH J            | R1123   | 119-1011-15 | 1/10W 100 ohm           |
| D1009   | 001-7141-90 | VFHR1111C-48Y2A-T | L1002   | 010-3406-66 | 22uH J            | R1124   | 119-1011-15 | 1/10W 100 ohm           |
|         |             | R RED             | P1101   | 076-6000-65 | 15P               | R1125   | 119-1011-15 | 1/10W 100 ohm           |
| D1010   | 001-7141-90 | VFHR1111C-48Y2A-T | R1001   | 116-3321-15 | 1/4W 3.3k ohm     | R1126   | 119-1011-15 | 1/10W 100 ohm           |
|         |             | R RED             | R1002   | 116-1821-15 | 1/4W 1.8k ohm     | R1127   | 119-1011-15 | 1/10W 100 ohm           |
| D1011   | 001-7141-90 | VFHR1111C-48Y2A-T | R1003   | 116-1821-15 | 1/4W 1.8k ohm     | R1128   | 119-1011-15 | 1/10W 100 ohm           |
|         |             | R RED             | R1004   | 116-1821-15 | 1/4W 1.8k ohm     | R1129   | 119-1011-15 | 1/10W 100 ohm           |
| D1012   | 001-7141-90 | VFHR1111C-48Y2A-T | R1005   | 116-1821-15 | 1/4W 1.8k ohm     | R1130   | 119-1011-15 | 1/10W 100 ohm           |
|         |             | R RED             | R1006   | 116-1821-15 | 1/4W 1.8k ohm     | R1131   | 119-1011-15 | 1/10W 100 ohm           |
| D1013   | 001-7141-90 | VFHR1111C-48Y2A-T | R1007   | 116-1821-15 | 1/4W 1.8k ohm     | R1132   | 119-1011-15 | 1/10W 100 ohm           |
|         |             | R RED             | R1008   | 116-2221-15 | 1/4W 2.2k ohm     | R1133   | 119-1011-15 | 1/10W 100 ohm           |
| D1014   | 001-7141-90 | VFHR1111C-48Y2A-T | R1009   | 116-2221-15 | 1/4W 2.2k ohm     | R1134   | 119-0000-05 | 1/10W 0 ohm JW          |
|         |             | R RED             | R1010   | 116-1521-15 | 1/4W 1.5k ohm     | R1135   | 119-1011-15 | 1/10W 100 ohm           |
| D1015   | 001-7141-90 | VFHR1111C-48Y2A-T | R1011   | 119-1031-15 | 1/10W 10k ohm     | R1136   | 119-1011-15 | 1/10W 100 ohm           |
|         |             | R RED             | R1012   | 116-2221-15 | 1/4W 2.2k ohm     | R1137   | 119-1031-15 | 1/10W 10k ohm           |
| D1016   | 001-7141-90 | VFHR1111C-48Y2A-T | R1013   | 116-2721-15 | 1/4W 2.7k ohm     | R1139   | 119-1011-15 | 1/10W 100 ohm           |
|         |             | R RED             | R1014   | 119-3931-15 | 1/10W 39k ohm     | R1140   | 119-1011-15 | 1/10W 100 ohm           |
| D1017   | 001-7094-92 | VFR1112H-6A83A2   | R1015   | 116-3321-15 | 1/4W 3.3k ohm     | R1141   | 119-1011-15 | 1/10W 100 ohm           |
| D1018   | 001-7094-92 | VFR1112H-6A83A2   | R1016   | 116-2721-15 | 1/4W 2.7k ohm     | R1142   | 119-1011-15 | 1/10W 100 ohm           |
| D1019   | 001-7141-90 | VFHR1111C-48Y2A-T | R1017   | 119-1021-15 | 1/10W 1k ohm      | R1143   | 119-1011-15 | 1/10W 100 ohm           |
|         |             | R RED             | R1018   | 116-1821-15 | 1/4W 1.8k ohm     | R1144   | 119-1011-15 | 1/10W 100 ohm           |
| D1020   | 001-7094-92 | VFR1112H-6A83A2   | R1019   | 116-2721-15 | 1/4W 2.7k ohm     | R1145   | 119-2201-15 | 1/10W 22 ohm            |
| D1021   | 001-7094-92 | VFR1112H-6A83A2   | R1020   | 116-1821-15 | 1/4W 1.8k ohm     | R1146   | 119-2201-15 | 1/10W 22 ohm            |
| D1024   | 001-7141-90 | VFHR1111C-48Y2A-T | R1021   | 116-2721-15 | 1/4W 2.7k ohm     | R1148   | 119-0000-05 | 1/10W 0 ohm JW          |
|         |             | R RED             | R1022   | 116-1821-15 | 1/4W 1.8k ohm     | R1149   | 119-1011-15 | 1/10W 100 ohm           |
| D1025   | 001-7094-92 | VFR1112H-6A83A2   | R1023   | 119-5611-15 | 1/10W 560 ohm     | R1150   | 119-0000-05 | 1/10W 0 ohm JW          |
| D1026   | 001-7094-92 | VFR1112H-6A83A2   | R1026   | 116-3321-15 | 1/4W 3.3k ohm     | R1151   | 119-0000-05 | 1/10W 0 ohm JW          |
| D1030   | 001-7141-90 | VFHR1111C-48Y2A-T | R1027   | 119-5611-15 | 1/10W 560 ohm     | R1152   | 119-0000-05 | 1/10W 0 ohm JW          |
|         |             | R RED             | R1030   | 116-3321-15 | 1/4W 3.3k ohm     | R1154   | 119-0000-05 | 1/10W 0 ohm JW          |
| D1031   | 001-7094-92 | VFR1112H-6A83A2   | R1031   | 119-5611-15 | 1/10W 560 ohm     | R1155   | 119-0000-05 | 1/10W 0 ohm JW          |
| D1032   | 001-7094-92 | VFR1112H-6A83A2   | R1034   | 119-5611-15 | 1/10W 560 ohm     | R1156   | 119-0000-05 | 1/10W 0 ohm JW          |
| D1033   | 001-7141-90 | VFHR1111C-48Y2A-T | R1043   | 119-5611-15 | 1/10W 560 ohm     | SW1001  | 016-0018-24 | ROTALY ENCODER          |
|         |             | R RED             | R1044   | 119-5611-15 | 1/10W 560 ohm     | SW1002  | 016-0018-24 | ROTALY ENCODER          |
| D1034   | 001-7140-90 | SMLZ14WBECW1(A)   | R1045   | 119-0000-05 | 1/10W 0 ohm JW    | TH1001  | 002-0315-00 | TN10-3U153JT            |
|         |             | WHITE             | R1046   | 119-0000-05 | 1/10W 0 ohm JW    | TH1002  | 002-0315-01 | THERMISTOR              |
| D1035   | 001-7140-90 | SMLZ14WBECW1(A)   | R1047   | 119-5611-15 | 1/10W 560 ohm     | VR1003  | 012-6009-57 | 22k ohm B VR            |
|         |             | WHITE             | R1049   | 119-5611-15 | 1/10W 560 ohm     | PWB     | 039-4083-00 | PWB(WITHOUT COMPONENTS) |
| D1036   | 001-7141-90 | VFHR1111C-48Y2A-T | R1050   | 119-0000-05 | 1/10W 0 ohm JW    |         |             |                         |
|         |             | R RED             | R1051   | 119-0000-05 | 1/10W 0 ohm JW    |         |             |                         |

SUB PWB(B3) section

| REF No. | PART No.    | DESCRIPTION | REF No. | PART No.    | DESCRIPTION             |
|---------|-------------|-------------|---------|-------------|-------------------------|
| J701    | 074-4061-04 | 4P          | PWB     | 039-4010-00 | PWB(WITHOUT COMPONENTS) |
| J702    | 074-2262-60 | 10P         |         |             |                         |

# EXPLODED VIEW/PARTS LIST



| NO. | PART NO.    | DESCRIPTION                 | Q'TY | NO. | PART NO.    | DESCRIPTION     | Q'TY |
|-----|-------------|-----------------------------|------|-----|-------------|-----------------|------|
| A   | HBS-668-100 | POWER-MOTOR-ASSY            | 1    | 37  | 621-1867-20 | LS-HOLDER B     | 1    |
| B   | HBS-669-100 | SPINDLE-MOTOR-ASSY          | 1    | 38  | 621-1868-23 | SHIFT LEVER     | 1    |
| 1   | 969-0080-30 | PICKUP-ASSY                 | 1    | 39  | 621-1869-21 | RACK            | 1    |
| 2   | -----       | MAIN-PWB-ASSY(5220AH-97)    | 1    | 40  | 621-1870-21 | STOPPER LINK    | 1    |
| 3   | -----       | SENSOR-PWB-ASSY(5100BH-95)  | 1    | 41  | 621-1871-22 | DISC STOPPER    | 1    |
| 4   | -----       | DC-MOTOR(PWR)(154000-020)   | 1    | 42  | 621-1872-21 | CLAMPER RING    | 1    |
| 5   | -----       | DC-MOTOR(SPN)(154100-020)   | 1    | 43  | 621-1873-21 | LS-RACK         | 1    |
| 6   | 620-1910-21 | LOWER CHASSIS               | 1    | 44  | 621-1726-21 | ROLLER SLEEVE   | 2    |
| 7   | 620-1911-20 | DRIVE PLATE                 | 1    | 45  | 622-1885-20 | ROLLER SHAFT    | 1    |
| 8   | 620-1912-21 | ID-LOCK PLATE               | 1    | 46  | 622-1886-20 | DAMPER PIN      | 3    |
| 9   | 620-1913-20 | SPRING PLATE                | 1    | 47  | 624-3062-20 | LEAD SCREW      | 1    |
| 10  | 620-1914-21 | CLAMPER ARM                 | 1    | 48  | 629-0138-21 | DAMPER F        | 2    |
| 11  | 620-1915-22 | CLAMPER PLATE               | 1    | 49  | 629-0139-21 | DAMPER R        | 1    |
| 12  | 620-1916-22 | SENSOR ARM                  | 1    | 50  | 714-2003-8B | MACHIN SCREW    | 2    |
| 13  | 620-1928-20 | UPPER CHASSIS               | 1    | 51  | 716-3718-00 | SPECIAL SCREW   | 2    |
| 14  | 620-1918-21 | LS-RACK PLATE               | 1    | 52  | 716-3719-00 | SPECIAL SCREW   | 4    |
| 15  | 621-1845-22 | UPPER GUIDE                 | 1    | 53  | 716-3720-00 | SPECIAL SCREW   | 2    |
| 16  | 621-1846-22 | ROLLER GUIDE                | 1    | 54  | 716-3721-00 | SPECIAL SCREW   | 1    |
| 17  | 621-1847-20 | LOCK ARM L                  | 1    | 55  | 716-3722-00 | SPECIAL SCREW   | 1    |
| 18  | 621-1848-22 | LOCK ARM R                  | 1    | 56  | 716-3723-02 | SPECIAL-SCREW   | 1    |
| 19  | 621-1849-20 | LOADING ROLLER              | 2    | 57  | 716-3724-00 | SPECIAL SCREW   | 1    |
| 20  | 621-1850-22 | GEAR BOX                    | 1    | 58  | 750-7924-22 | ROLLER SPRING L | 1    |
| 21  | -----       | MOTOR GEAR(PWR)(185121-621) | 1    | 59  | 750-7925-21 | ROLLER SPRING R | 1    |
| 22  | 621-1852-20 | SECOND GEAR                 | 1    | 60  | 750-7926-20 | DR-SPRING F     | 2    |
| 23  | 621-1853-20 | ROLLER GEAR A               | 1    | 61  | 750-7927-20 | DR-SPRING C     | 1    |
| 24  | 621-1854-20 | ROLLER GEAR B               | 1    | 62  | 750-7928-20 | DR-SPRING RA    | 1    |
| 25  | 621-1855-20 | ROLLER GEAR C               | 1    | 63  | 750-7929-20 | DR-SPRING RB    | 1    |
| 26  | 621-1856-20 | ROLLER GEAR D               | 1    | 64  | 750-7930-20 | SHIFT SPRING    | 1    |
| 27  | 621-1857-21 | ROLLER GEAR E               | 1    | 65  | 750-7931-20 | RACK SPRING     | 1    |
| 28  | 621-1858-20 | POWER GEAR A                | 1    | 66  | 750-7932-20 | CLAMPER SPRING  | 1    |
| 29  | 621-1859-20 | POWER GEAR B                | 1    | 67  | 750-7933-20 | ID-LOCK SPRING  | 1    |
| 30  | 621-1860-21 | IDLE CASE                   | 1    | 68  | 750-7934-20 | SENSOR SPRING   | 1    |
| 31  | 621-1861-20 | IDLE GEAR A                 | 1    | 69  | 803-4906-60 | VINYL-COAT-WIRE | 1    |
| 32  | 621-1862-20 | IDLE GEAR B                 | 1    | 70  | 816-2590-00 | SPECIAL LEAD    | 1    |
| 33  | -----       | TURN TABLE(SPN)(186320-621) | 1    | 71  | 816-2591-00 | SPECIAL LEAD    | 1    |
| 34  | 621-1864-20 | THREAD GEAR A               | 1    | 72  | 816-2592-00 | SPECIAL LEAD    | 1    |
| 35  | 621-1865-20 | THREAD GEAR B               | 1    | 73  | 816-2593-00 | SPECIAL LEAD    | 1    |
| 36  | 621-1866-20 | LS-HOLDER A                 | 1    | 74  | 816-4070-50 | FLAT WIRE       | 1    |

## ELECTRICAL PARTS LIST

### SENSOR PWB(B1) section

| REF No. | PART No.    | DESCRIPTION   | REF No. | PART No.    | DESCRIPTION  | REF No. | PART No.    | DESCRIPTION                |
|---------|-------------|---------------|---------|-------------|--------------|---------|-------------|----------------------------|
| D1      | 001-7138-91 | SML-S13RT T86 | Q1      | 060-4025-90 | SML-H10TBT86 | PWB     | 039-3732-20 | PWB(WITHOUT<br>COMPONENTS) |
| D2      | 001-7138-91 | SML-S13RT T86 | Q2      | 060-4025-90 | SML-H10TBT86 |         |             |                            |
| J1      | 074-2504-10 | OUTLET SOCKET | S2      | 013-7414-50 | SPVG220100   |         |             |                            |

### MAIN PWB(B2) section 1/3

| REF No. | PART No.    | DESCRIPTION | REF No. | PART No.    | DESCRIPTION     | REF No. | PART No.    | DESCRIPTION             |
|---------|-------------|-------------|---------|-------------|-----------------|---------|-------------|-------------------------|
| C1      | -----       | (N/A)       | C32     | 168-1532-55 | 0.015uF K       | R8      | 033-1231-15 | 1/16W 12k ohm J         |
| C2      | -----       | (N/A)       | C33     | 046-4732-78 | 0.047uF K B     | R9      | 116-1001-15 | 1/4W 10 ohm             |
| C3      | -----       | (N/A)       | C34     | 046-3322-58 | 3300pF K B      | R10     | 033-2731-15 | 1/16W 27k ohm J         |
| C4      | -----       | (N/A)       | C35     | 046-4732-78 | 0.047uF K B     | R11     | 033-1541-15 | 1/16W 150k ohm J        |
| C5      | 046-1042-78 | 0.1uF K B   | C36     | 046-4712-58 | 470pF K B       | R12     | 033-1031-15 | 1/16W 10k ohm J         |
| C6      | 168-1052-78 | 16V 1uF K   | C37     | 046-1042-78 | 0.1uF K B       | R13     | 033-2211-15 | 1/16W 220 ohm J         |
| C7      | 042-0560-85 | 6.3V 100uF  | C38     | 046-1042-78 | 0.1uF K B       | R14     | 033-2231-15 | 1/16W 22k ohm J         |
| C8      | -----       | (N/A)       | C39     | 046-1042-78 | 0.1uF K B       | R15     | 033-4731-15 | 1/16W 47k ohm J         |
| C9      | -----       | (N/A)       | C40     | 046-1032-78 | 0.01uF K B      | R16     | 033-3341-15 | 1/16W 330k ohm J        |
| C10     | 168-1052-78 | 16V 1uF K   | C41     | 046-1042-78 | 0.1uF K B       | R17     | 033-0000-05 | 1/16W 0 ohm             |
| C11     | 046-1042-78 | 0.1uF K B   | C42     | 045-1007-50 | 10 +/-0.5pF CH  | R18     | 033-4731-15 | 1/16W 47k ohm J         |
| C12     | 165-1073-35 | 16V 100uF   | C43     | 046-1042-78 | 0.1uF K B       | R19     | 033-4731-15 | 1/16W 47k ohm J         |
| C13     | 046-1042-78 | 0.1uF K B   | C44     | 046-1042-78 | 0.1uF K B       | R20     | 033-3301-15 | 1/16W 33 ohm J          |
| C14     | -----       | (N/A)       | C45     | 043-0570-90 | 16V 2.2uF K     | R21     | 033-1011-15 | 1/16W 100 ohm J         |
| C15     | 046-1042-78 | 0.1uF K B   | C46     | 043-0570-90 | 16V 2.2uF K     | R22     | 033-1011-15 | 1/16W 100 ohm J         |
| C16     | 046-4722-58 | 4700pF K B  | C47     | 045-1201-50 | 12pF CH         | R23     | 033-4731-15 | 1/16W 47k ohm J         |
| C17     | 046-1042-78 | 0.1uF K B   | C48     | 045-1201-50 | 12pF CH         | R24     | 033-1041-15 | 1/16W 100k ohm J        |
| C18     | 046-2222-58 | 2200pF K B  | D1      | 001-0367-91 | 1SS226          | R25     | 033-1051-15 | 1/16W 1M ohm J          |
| C20     | 046-1042-78 | 0.1uF K B   | IC1     | 051-6101-90 | BD8226EFV       | R26     | 033-2221-15 | 1/16W 2.2k ohm J        |
| C21     | 043-0552-90 | 6.3V 47uF M | IC2     | 051-6751-00 | TC94A93MFG-201  | R27     | 033-4731-15 | 1/16W 47k ohm J         |
| C22     | 046-1042-78 | 0.1uF K B   | J1      | 074-2215-65 | 15P             | R28     | 033-2211-15 | 1/16W 220 ohm J         |
| C23     | 046-1522-58 | 1500pF K B  | J2      | 074-2504-10 | OUTLET SOCKET   | R29     | 033-2211-15 | 1/16W 220 ohm J         |
| C24     | 046-1042-78 | 0.1uF K B   | Q1      | 190-1365-50 | 2SA1365 AF,AG   | R30     | 033-2211-15 | 1/16W 220 ohm J         |
| C25     | 046-1532-78 | 0.015uF K B | R1      | 033-2211-15 | 1/16W 220 ohm J | R91     | 033-1031-15 | 1/16W 10k ohm J         |
| C26     | -----       | (N/A)       | R2      | 033-0000-05 | 1/16W 0 ohm     | R95     | -----       | (N/A)                   |
| C27     | 046-1032-78 | 0.01uF K B  | R3      | 033-0000-05 | 1/16W 0 ohm     | RN1     | 050-0140-52 | 1/32W 100 ohm x4J       |
| C28     | 046-1042-78 | 0.1uF K B   | R4      | 117-1821-15 | 1/8W 1.8k ohm   | RN2     | 050-0140-67 | 1/32W 220 ohm x4J       |
| C29     | 046-3332-78 | 0.033uF K B | R5      | 033-0000-05 | 1/16W 0 ohm     | RN3     | 050-0140-57 | 1/32W 10k ohm x4J       |
| C30     | 046-4712-58 | 470pF K B   | R6      | 033-0000-05 | 1/16W 0 ohm     | X1      | 061-3586-90 | DSX321G(F)<br>16.920MHz |
| C31     | 045-4701-50 | 47pF CH     | R7      | 033-1831-15 | 1/16W 18k ohm J |         |             |                         |

### MAIN PWB(B2) section 2/3

| REF No. | PART No.    | DESCRIPTION         | REF No. | PART No.    | DESCRIPTION      | REF No. | PART No.    | DESCRIPTION        |
|---------|-------------|---------------------|---------|-------------|------------------|---------|-------------|--------------------|
| C49     | 046-1042-78 | 0.1uF K B           | R39     | 033-1031-15 | 1/16W 10k ohm J  | R63     | -----       | (N/A)              |
| C50     | 046-1042-78 | 0.1uF K B           | R40     | 033-1031-15 | 1/16W 10k ohm J  | R64     | 033-1041-15 | 1/16W 100k ohm J   |
| C51     | 046-1042-78 | 0.1uF K B           | R41     | 033-1011-15 | 1/16W 100 ohm J  | R65     | 033-1041-15 | 1/16W 100k ohm J   |
| C52     | 046-1042-78 | 0.1uF K B           | R42     | 033-1041-15 | 1/16W 100k ohm J | R66     | 033-1041-15 | 1/16W 100k ohm J   |
| C53     | 046-1042-78 | 0.1uF K B           | R43     | 033-4731-15 | 1/16W 47k ohm J  | R67     | 033-1041-15 | 1/16W 100k ohm J   |
| C54     | 046-1042-78 | 0.1uF K B           | R44     | 033-4731-15 | 1/16W 47k ohm J  | R68     | 033-4721-15 | 1/16W 4.7k ohm J   |
| C55     | 045-8097-50 | 8 +/-0.5pF CH       | R45     | 033-4731-15 | 1/16W 47k ohm J  | R69     | 033-1031-15 | 1/16W 10k ohm J    |
| C56     | 046-1042-78 | 0.1uF K B           | R46     | 033-1041-15 | 1/16W 100k ohm J | R70     | 033-4721-15 | 1/16W 4.7k ohm J   |
| C57     | 046-1042-78 | 0.1uF K B           | R47     | 033-1041-15 | 1/16W 100k ohm J | R71     | 033-1031-15 | 1/16W 10k ohm J    |
| C58     | 045-8097-50 | 8 +/-0.5pF CH       | R48     | 033-0000-05 | 1/16W 0 ohm      | R92     | 033-1041-15 | 1/16W 100k ohm J   |
| C59     | 046-1042-78 | 0.1uF K B           | R49     | 033-1031-15 | 1/16W 10k ohm J  | R93     | 033-1041-15 | 1/16W 100k ohm J   |
| C60     | 046-1042-78 | 0.1uF K B           | R50     | 033-2201-15 | 1/16W 22 ohm J   | R94     | 033-1041-15 | 1/16W 100k ohm J   |
| IC3     | 052-5079-20 | IC_TPM321F10FG-7KPB | R51     | 033-2201-15 | 1/16W 22 ohm J   | RN4     | 050-0140-52 | 1/32W 100 ohm x4J  |
| IC4     | -----       | (N/A)               | R52     | 033-2201-15 | 1/16W 22 ohm J   | RN5     | 050-0140-57 | 1/32W 10k ohm x4J  |
| IC5     | 051-6934-90 | MF1341S2313         | R53     | 033-1011-15 | 1/16W 100 ohm J  | RN6     | 050-0140-57 | 1/32W 10k ohm x4J  |
| P1      | -----       | (N/A)               | R54     | 033-1011-15 | 1/16W 100 ohm J  | RN7     | 050-0140-60 | 1/32W 33k ohm x4J  |
| R31     | 033-4721-15 | 1/16W 4.7k ohm J    | R55     | 033-1011-15 | 1/16W 100 ohm J  | RN8     | 050-0140-57 | 1/32W 10k ohm x4J  |
| R32     | 033-4721-15 | 1/16W 4.7k ohm J    | R56     | 033-0000-05 | 1/16W 0 ohm      | RN9     | 050-0140-57 | 1/32W 10k ohm x4J  |
| R33     | -----       | (N/A)               | R57     | 033-1011-15 | 1/16W 100 ohm J  | RN10    | 050-0140-63 | 1/32W 47k ohm x4J  |
| R34     | 033-4731-15 | 1/16W 47k ohm J     | R58     | 033-1011-15 | 1/16W 100 ohm J  | RN11    | 050-0140-51 | 1/32W 22 ohm x4J   |
| R35     | 033-4731-15 | 1/16W 47k ohm J     | R59     | 033-1041-15 | 1/16W 100k ohm J | RN12    | 050-0140-57 | 1/32W 10k ohm x4J  |
| R36     | 033-1031-15 | 1/16W 10k ohm J     | R60     | 033-1041-15 | 1/16W 100k ohm J | RN13    | 050-0140-57 | 1/32W 10k ohm x4J  |
| R37     | 033-1041-15 | 1/16W 100k ohm J    | R61     | -----       | (N/A)            | RN14    | 050-0140-64 | 1/32W 100k ohm x4J |
|         |             |                     | R62     | -----       | (N/A)            | X2      | 061-3580-90 | 12MHz              |

## MAIN PWB(B2) section 3/3

| REF No. | PART No.    | DESCRIPTION        | REF No. | PART No.    | DESCRIPTION        | REF No. | PART No.    | DESCRIPTION      |
|---------|-------------|--------------------|---------|-------------|--------------------|---------|-------------|------------------|
| C61     | 168-1052-78 | 16V 1uF K          | IC8     | 051-5417-90 | S-1009N271-M5T1    | R77     | 033-1031-15 | 1/16W 10k ohm J  |
| C62     | 042-0560-85 | 6.3V 100uF         | IC9     | 051-3392-90 | S-1323B15NB-N8ATFG | R78     | 033-1041-15 | 1/16W 100k ohm J |
| C66     | 168-1052-78 | 16V 1uF K          |         |             |                    | R79     | 033-2221-15 | 1/16W 2.2k ohm J |
| C67     | 046-1042-78 | 0.1uF K B          | J3      | 074-2248-50 | 50P                | R80     | 032-0163-96 | 1/2W 27 ohm J    |
| C68     | 043-0552-90 | 6.3V 47uF M        | J4      | 074-2262-60 | 10P                | R81     | 032-0163-96 | 1/2W 27 ohm J    |
| C71     | 046-1042-78 | 0.1uF K B          | L1      | 010-3127-90 | 33 ohm/100MHz      | R82     | 033-1531-15 | 1/16W 15k ohm J  |
| C72     | 046-1042-78 | 0.1uF K B          | L2      | 010-3127-90 | 33 ohm/100MHz      | R83     | 033-1531-15 | 1/16W 15k ohm J  |
| C73     | 168-1042-78 | 16V 0.1uF K        | NF1     | 010-3608-90 | 90 ohm/100MHz      | R84     | 033-3301-15 | 1/16W 33 ohm J   |
| C74     | 043-0552-90 | 6.3V 47uF M        | P2      | -----       | (N/A)              | R85     | -----       | (N/A)            |
| C75     | 046-6822-58 | 6800pF K B         | Q2      | 125-2027-92 | DTC124EUA          | R86     | -----       | (N/A)            |
| C76     | 168-1042-78 | 16V 0.1uF K        | Q3      | 191-1197-50 | 2SB1197K Q,R       | R87     | 033-0000-05 | 1/16W 0 ohm      |
| C77     | 046-1022-58 | 50V 1000pF         | Q4      | 125-2027-92 | DTC124EUA          | R88     | 033-0000-05 | 1/16W 0 ohm      |
| C78     | 043-0552-90 | 6.3V 47uF M        | Q5      | 125-0021-92 | DTA124EUA          | R89     | 033-0000-05 | 1/16W 0 ohm      |
| C79     | 043-0552-90 | 6.3V 47uF M        | R72     | 033-1021-15 | 1/16W 1k ohm J     | R90     | 033-0000-05 | 1/16W 0 ohm      |
| ET1     | 073-0792-90 | TERMINAL           | R73     | 033-1031-15 | 1/16W 10k ohm J    |         |             |                  |
| IC7     | 051-3392-90 | S-1323B15NB-N8ATFG | R74     | 033-1041-15 | 1/16W 100k ohm J   |         |             |                  |
|         |             |                    | R75     | 033-5611-15 | 1/16W 560 ohm J    |         |             |                  |