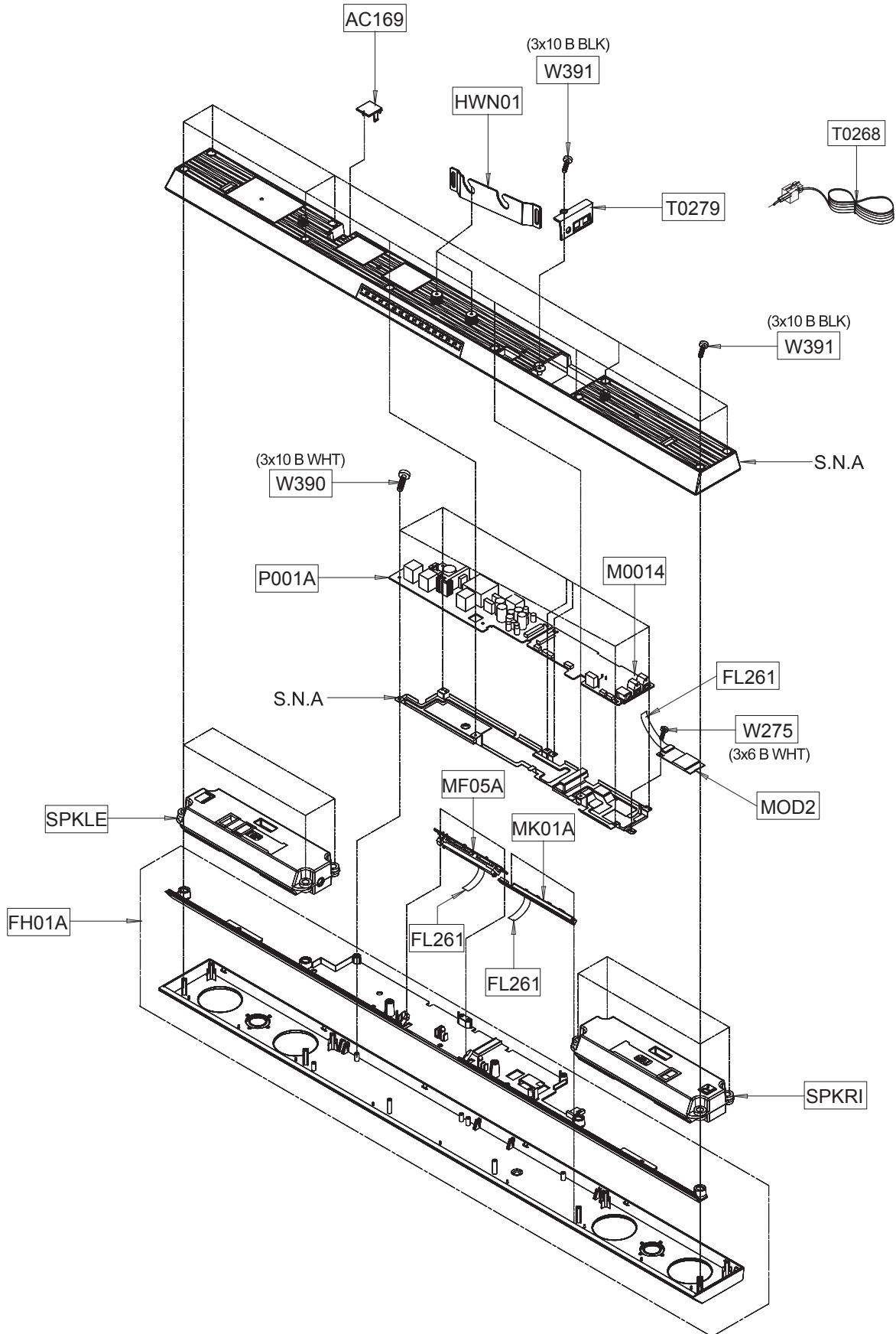


# 5. Exploded View & Part List

## 5-1 Exploded View



## ■ Part List

| Loc. No. | Part No.    | Description;Specification                  | Qty. | SNA | Remark |
|----------|-------------|--|------|-----|--------|
| AC169    | AH63-02086A | COVER-AC CORD;HW-C450,ABS+PC,2.5,BLACK     | 1    | SA  |        |
| FH01A    | AH96-00780A | ASSY HOLDER P-FRONT;HW-C451,HOT STAMPING   | 1    | SA  |        |
| FL261    | 3809-002595 | FFC CABLE-FLAT;30V,80C,60mm,7P,1.0mm,UL2   | 1    | SA  |        |
| FL261    | 3809-002513 | FFC CABLE-FLAT;30V,80C,60mm,15P,1.0mm,UL   | 1    | SA  |        |
| FL261    | 3809-002512 | FFC CABLE-FLAT;30V,80C,110mm,24P,0.5mm,U   | 1    | SA  |        |
| HWN01    | AH61-02952A | HOLDER-WALL NEW;HT-WS1,SECC T2.0,13,53.5   | 1    | SA  |        |
| M0014    | AH94-02511B | ASSY PCB MAIN-HW-C470 MAIN;HW-C470,MAIN    | 1    | SA  |        |
| MF05A    | AH94-02414A | ASSY PCB FRONT-VFD ASSY;HW-C450,ASSY VFD   | 1    | SA  |        |
| MK01A    | AH94-02415B | ASSY PCB KEY-TOUCH;HW-C450,TOUCHKEY ASSY   | 1    | SA  |        |
| MOD2     | AH40-00164A | RF MODULATOR;NAM-WM51,DSSS,10dBm,3.3~5V,   | 1    | SA  |        |
| P001A    | AH44-00225A | DC VSS-HP;HW-C450,HECK-HWC450-F,AC/DC,50   | 1    | SA  |        |
| SPKLE    | AH81-05688A | SPEAKER-SYSTEM;BAR SPK,LEFT SPK            | 1    | SA  |        |
| SPKRI    | AH81-05689A | SPEAKER-SYSTEM;BAR SPK,RIGHT SPK           | 1    | SA  |        |
| T0268    | 3903-000407 | CBF-POWER CORD;AT,EU,CP2,HOUSING(2P),250   | 1    | SA  |        |
| T0279    | AH63-02085B | COVER-JACK;HW-C450,ABS+PC,2.5,BLACK        | 1    | SA  |        |
| W275     | 6003-001561 | SCREW-TAPTYPE;BH,+,-,B,M3,L6,ZPC(WHT),SW   | 1    | SA  |        |
| W390     | 6003-000276 | SCREW-TAPTYPE;BH,+,-,B,M3,L10,ZPC(WHT),S   | 12   | SA  |        |
| W391     | 6003-000275 | SCREW-TAPTYPE;BH,+,-,B,M3,L10,ZPC(BLK),SWR | 11   | SA  |        |

## 5-2 Speaker System

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Wireless Subwoofer



### ■ Part List

| Loc. No.           | Part No.    | Description;Specification | Qty. | SNA | Remark |
|--------------------|-------------|---------------------------|------|-----|--------|
| Wireless Subwoofer | AH91-00261B | ASSY SPEAKER              | 1    | SA  |        |

## 5-3 Electrical Part List

| Loc. No.     | Part No.           | Description                    | Specification                        | Qty.     | SNA       | Remark |
|--------------|--------------------|--------------------------------|--------------------------------------|----------|-----------|--------|
| <b>MK01A</b> | <b>AH94-02415B</b> | <b>ASSY PCB KEY-TOUCH</b>      | <b>HW-C450, TOUCHKEY ASSY</b>        | <b>1</b> | <b>SA</b> |        |
| AC510        | 3708-002061        | CONNECTOR-FPC/FFC/PIC          | 7P,1mm,SMD-A,TIN,N                   | 1        | SA        |        |
| AS083        | AH63-02148A        | SHEET-HOLDER                   | HT-BD8200,FELT,0.2T,181*9,B          | 1        | SNA       |        |
| FL261        | 3809-002595        | FFC CABLE-FLAT                 | 30V,80C,60mm,7P,1.0mm,UL2            | 1        | SA        |        |
| IS01         | 1209-001912        | IC-SENSOR                      | NTS1124N,QFN,40P,5x5x0.85mm,PL       | 1        | SNA       |        |
| L0405        | 0601-002706        | LED                            | SMD(SIDE VIEW),RED,3.8x1.2x0.6mm,632 | 2        | SA        |        |
| L0405        | 0601-002884        | LED                            | SMD(SIDE VIEW),PURE WHITE,632nm,3.8x | 10       | SNA       |        |
| MC2          | 2203-000254        | C-CER,CHIP                     | 10nF,10%,16V,X7R,TP,1005             | 4        | SA        |        |
| PC7          | 2203-002709        | C-CER,CHIP                     | 100nF,+80-20%,16V,Y5V,1005           | 7        | SA        |        |
| R104         | 2007-000148        | R-CHIP                         | 10Kohm,5%,1/16W,TP,1005              | 3        | SA        |        |
| R105         | 2007-000138        | R-CHIP                         | 100ohm,5%,1/16W,TP,1005              | 8        | SA        |        |
| S.N.A        | 0202-001459        | SOLDER-CREAM                   | S3X58-M405,D20~38um,96.5Sn/          | 0.078    | SNA       |        |
| S.N.A        | 0202-001492        | SOLDER-WIRE FLUX               | HSE-02 LFM48 SR-34 S,-,              | 0.05     | SNA       |        |
|              | 0406-001128        | DIODE-TVS                      | MLVS-0603-E08,50V                    | 5        | SA        |        |
|              | 2007-001338        | R-CHIP                         | 160Kohm,5%,1/16W,TP,1005             | 2        | SA        |        |
|              | 2007-002797        | R-CHIP                         | 560ohm,5%,1/16W,TP,1005              | 5        | SNA       |        |
|              | 2007-007318        | R-CHIP                         | 1Kohm,1%,1/16W,TP,1005               | 1        | SNA       |        |
|              | 2007-008621        | R-CHIP                         | 249Kohm,1%,1/16W,TP,1005             | 1        | SNA       |        |
|              | AH41-01288C        | PCB-TOUCH KEY                  | HW-C450,FR-4,2                       | 1        | SNA       |        |
|              | AH61-03066A        | HOLDER-BUTTON                  | HW-C450,ABS,2.0,WHITE                | 1        | SNA       |        |
|              | AH74-01043A        | TAPE-HOLDER                    | HW-C450,D/FACE TAPE                  | 1        | SNA       |        |
|              | AH74-01044A        | TAPE-PCB BUTTON                | HW-C450,D/FACE TAPE                  | 1        | SNA       |        |
|              | AH90-00648A        | ASSY HOLDER                    | HW-C450,XAA                          | 1        | SNA       |        |
|              | AH97-04938A        | ASSY SMD-TOUCH                 | HW-C450,TOUCHKEY_SMD,AH94            | 1        | SNA       |        |
|              | AH97-05557A        | ASSY MICOM-ICSENSOR-KEY        | HW-C450,AH94-024                     | 1        | SNA       |        |
| <b>MF05A</b> | <b>AH94-02414A</b> | <b>ASSY PCB FRONT-VFD ASSY</b> | <b>HW-C450,ASSY VFD</b>              | <b>1</b> | <b>SA</b> |        |
| AAC1         | 2203-005249        | C-CER,CHIP                     | 100nF,10%,50V,X7R,TP,1608            | 2        | SNA       |        |
| AC510        | 3708-002044        | CONNECTOR-FPC/FFC/PIC          | 15P,1mm,SMD-A,Sn-P                   | 1        | SNA       |        |
| AF020        | AH63-02125A        | FILTER-VFD                     | HW-C450,PC,WINE                      | 1        | SNA       |        |
| AH410        | AH61-03065A        | HOLDER-VFD                     | HW-C450,HIPS,2.0,BLACK               | 1        | SNA       |        |
| AR30         | 2007-000074        | R-CHIP                         | 100ohm,5%,1/10W,TP,1608              | 3        | SNA       |        |
| C658         | 2203-001155        | C-CER,CHIP                     | 0.068nF,5%,50V,NP0,TP,1608           | 3        | SA        |        |
| DR1          | 2007-000043        | R-CHIP                         | 1Kohm,1%,1/10W,TP,1608               | 1        | SNA       |        |
| EV01         | AH07-00261A        | VFD DISPLAY                    | HT-C7500,7BT316INK,Green/Red         | 1        | SA        |        |
| JR11         | 2007-000614        | R-CHIP                         | 24Kohm,1%,1/10W,TP,1608              | 1        | SA        |        |
| MR112        | 2007-000309        | R-CHIP                         | 10ohm,5%,1/10W,TP,1608               | 2        | SNA       |        |
| MROP1        | 2007-000090        | R-CHIP                         | 10Kohm,5%,1/10W,TP,1608              | 1        | SA        |        |
| PC69         | 2203-006818        | C-CER,CHIP                     | 47000nF,20%,6.3V,X5R,3216            | 1        | SA        |        |
| PPC2         | 2203-005148        | C-CER,CHIP                     | 100nF,10%,16V,X7R,TP,1608            | 5        | SNA       |        |
| S.N.A        | 0202-001459        | SOLDER-CREAM                   | S3X58-M405,D20~38um,96.5Sn/          | 0.053    | SNA       |        |
| S.N.A        | 0202-001492        | SOLDER-WIRE FLUX               | HSE-02 LFM48 SR-34 S,-,              | 0.05     | SNA       |        |
| T0568        | 3301-001404        | BEAD-SMD                       | 30ohm,2012,TP,15.9OHM/30MHz          | 1        | SA        |        |
|              | 0202-001768        | SOLDER-BAR                     | HSE-16,S60S-20,D3,SN/0.5CU/0.        | 1.282    | SNA       |        |
|              | 0204-002514        | THINNER                        | TS4500,OXIGEN,NO,13.15KG,14KG/BO     | 0.681    | SNA       |        |
|              | 0204-002606        | FLUX                           | LF-715K,OXIGEN,NO,16000L,14%,16kg,G  | 0.183    | SNA       |        |
|              | 0406-001128        | DIODE-TVS                      | MLVS-0603-E08,50V                    | 1        | SA        |        |
|              | AH41-01289A        | PCB-VFD                        | HW-C450,FR-4,2                       | 1        | SNA       |        |

| Loc. No.     | Part No.           | Description                 | Specification                 | Qty.     | SNA        | Remark |
|--------------|--------------------|-----------------------------|-------------------------------|----------|------------|--------|
|              | AH74-01030A        | TAPE-HOLDER                 | HT-WS1,DOUBLE FACE TAPE(3M)   | 1        | SNA        |        |
|              | AH97-04097A        | ASSY SMD-VFD ASSY           | HW-C450,VFS_SMD,AH94-0        | 1        | SNA        |        |
|              | AH97-04098A        | ASSY MANUAL INSERT-VFD ASSY | HW-C450,VFD_                  | 1        | SNA        |        |
| <b>F001A</b> | <b>AH96-00257D</b> | <b>ASSY COVER P-FRONT</b>   | <b>HW-C450,HW-C450,EUR,P</b>  | <b>1</b> | <b>SNA</b> |        |
| SP05A        | AH96-00274A        | ASSY SPEAKER P-SYSTEM       | PS-C450,BAR SPK,L_            | 1        | SNA        |        |
| SPKLE        | AH81-05688A        | SPEAKER-SYSTEM              | BAR SPK,LEFT SPK              | 1        | SA         |        |
|              | AH63-02098A        | COVER-REAR_SPK_L            | HW-C450,HIPS,2.5,BLACK        | 1        | SNA        |        |
| M0952        | AH63-02099A        | COVER-DUCT                  | HW-C450,HIPS,2.5,BLACK        | 1        | SNA        |        |
|              | AH63-02100A        | COVER-FRONT_SPK_L           | HW-C450,HIPS,2.5,BLACK        | 1        | SNA        |        |
| SPEAKE       | AH81-05683A        | SPEAKER-PART                | BAR SPK,WOOFER,8#             | 1        | SNA        |        |
| SPEAKE       | AH81-05693A        | SPEAKER-PART                | HT-C450,SOUND SPK,RUBBER-DA   | 1        | SNA        |        |
| SPEAKE       | AH81-05694A        | SPEAKER-PART                | HT-C450,SOUND SPK,RUBBER-DU   | 1        | SNA        |        |
| SPEAKE       | AH81-05684A        | SPEAKER-PART                | BAR SPK,TWEETER               | 1        | SNA        |        |
| SPEAKE       | AH81-05686A        | SPEAKER-PART                | BAR SPK,INPUT WIRE_L          | 1        | SNA        |        |
| SPEAKE       | AH81-05695A        | SPEAKER-PART                | HT-C450,SOUND SPK,SCREW       | 1        | SNA        |        |
| SPKRI        | AH81-05689A        | SPEAKER-SYSTEM              | BAR SPK,RIGHT SPK             | 1        | SA         |        |
|              | AH63-02087A        | COVER-FRONT_SPK_R           | HW-C450,HIPS,2.5,BLACK        | 1        | SNA        |        |
|              | AH63-02088A        | COVER-REAR_SPK_R            | HW-C450,HIPS,2.5,BLACK        | 1        | SNA        |        |
| M0952        | AH63-02099A        | COVER-DUCT                  | HW-C450,HIPS,2.5,BLACK        | 1        | SNA        |        |
| SPEAKE       | AH81-05683A        | SPEAKER-PART                | BAR SPK,WOOFER,8#             | 1        | SNA        |        |
| SPEAKE       | AH81-05693A        | SPEAKER-PART                | HT-C450,SOUND SPK,RUBBER-DA   | 1        | SNA        |        |
| SPEAKE       | AH81-05694A        | SPEAKER-PART                | HT-C450,SOUND SPK,RUBBER-DU   | 1        | SNA        |        |
| SPEAKE       | AH81-05684A        | SPEAKER-PART                | BAR SPK,TWEETER               | 1        | SNA        |        |
| SPEAKE       | AH81-05687A        | SPEAKER-PART                | SUBWOOFER,WOOFER              | 1        | SNA        |        |
| SPEAKE       | AH81-05695A        | SPEAKER-PART                | HT-C450,SOUND SPK,SCREW       | 1        | SNA        |        |
| FH01A        | AH96-00780A        | ASSY HOLDER P-FRONT         | HW-C451,HOT STAMPING          | 1        | SA         |        |
|              | AH63-01953A        | SHEET-EVA                   | HT-WS1,EVA T4.0,4,20,44       | 2        | SNA        |        |
| F001         | AH63-02083F        | COVER-FRONT                 | HW-C450,PMMA+PMMA,5.0,1000,B  | 1        | SNA        |        |
|              | AH63-02182V        | SHEET-COVER-FRONT           | HW-C450,PE,0.1,200,120        | 1        | SNA        |        |
|              | AH64-05267A        | DECORATION-SPK              | HW-C450,HIPS,2.0,BLACK        | 2        | SNA        |        |
| HM054        | AH96-00259B        | ASSY HOLDER P-MIRROR        | HW-C450,XAA,BLACK             | 1        | SNA        |        |
|              | AH61-03067B        | HOLDER-MIRROR               | HW-C450,HIPS,2.0,BLACK,xaa    | 1        | SNA        |        |
| AS107        | AH63-02111A        | SHEET-MIRROR                | HW-C450,PC,0.5,16.8,991.5,B   | 1        | SNA        |        |
| AS161        | AH63-02164A        | SHEET-TOP                   | HW-C450,EVA,1.0,375,16,BLACK  | 1        | SNA        |        |
| AS161        | AH63-02164B        | SHEET-TOP                   | HW-C450,EVA,1.0,375,16,BLACK  | 3        | SNA        |        |
|              | AH74-01030A        | TAPE-HOLDER                 | HT-WS1,DOUBLE FACE TAPE(3M)   | 3        | SNA        |        |
|              | AH74-01032A        | TAPE-PCB                    | HT-WS1,DOUBLE FACE TAPE(3M)   | 3        | SNA        |        |
| AS161        | AH63-02164C        | SHEET-TOP                   | HW-C450,spone,1.0,17,20,BLACK | 2        | SNA        |        |
| AS161        | AH63-02164D        | SHEET-TOP                   | HW-C450,spone,1.0,10,60,BLACK | 4        | SNA        |        |
|              | <b>AH91-00239A</b> | <b>ASSY SHIELD</b>          | <b>HW-C470/XEF</b>            | <b>1</b> | <b>SNA</b> |        |
| FIL          | 0203-000007        | TAPE-FILAMENT               | T0.15,L55M,TRP                | 0.1      | SNA        |        |
| FL261        | 3809-002512        | FFC CABLE-FLAT              | 30V,80C,110mm,24P,0.5mm,U     | 1        | SA         |        |
| T0268        | 3903-000407        | CBF-POWER CORD              | AT,EU,CP2,HOUSING(2P),250     | 1        | SA         |        |
|              | <b>AH92-03616A</b> | <b>ASSY LABEL</b>           | <b>HW-C470/XEF</b>            | <b>1</b> | <b>SNA</b> |        |
| CCM1         | AH68-01929H        | LABEL RATING                | ALL,ELS,SILVER PET,86,53,si   | 2        | SNA        |        |

| Loc. No.     | Part No.           | Description                             | Specification                         | Qty.     | SNA        | Remark |
|--------------|--------------------|---|---------------------------------------|----------|------------|--------|
|              | AH68-02276M        | LABEL-STICKER POP                       | HW-C470/XEF,SEF,HOLOGR                | 1        | SNA        |        |
|              | <b>AH92-03623A</b> | <b>ASSY BOX</b>                         | <b>HW-C470,EU</b>                     | <b>1</b> | <b>SNA</b> |        |
|              | AH69-02931D        | BOX-SET                                 | HW-C470/XEF,CB,DW, A-1, FLEXO,H4      | 2        | SNA        |        |
|              | AH68-01981M        | LABEL-BOX                               | ALL MODEL,ALL BUYER,heat sensi        | 1        | SNA        |        |
|              | <b>AH92-03624B</b> | <b>ASSY P/MATERIAL</b>                  | <b>HW-C470,EDC</b>                    | <b>1</b> | <b>SNA</b> |        |
| S.N.A        | 0203-001100        | TAPE-OPP MASKING                        | OPP/W75/CLR,T0.075,W75,               | 1.5      | SNA        |        |
| HWN01        | AH61-02952A        | HOLDER-WALL NEW                         | HT-WS1,SECC T2.0,13,53.5              | 1        | SA         |        |
|              | AH63-01971A        | SHEET-SET                               | HT-WS1,HDPE+NITRON,T0.52,W450,        | 1        | SNA        |        |
| T0246        | AH69-02915A        | CUSHION-SET                             | HW-C450,EPS,10,WHITE                  | 1        | SNA        |        |
|              | AH69-02932B        | PAD-DUMMY                               | HW-C450,CB,230,500                    | 1        | SNA        |        |
| <b>ACCE1</b> | <b>AH92-03625B</b> | <b>ASSY ACCESSORY</b>                   | <b>HW-C470,EDC</b>                    | <b>1</b> | <b>SNA</b> |        |
| REMO2        | AH59-02196G        | REMOCON-ASSY                            | 2010 HTS AIR TRACK HW-C450,           | 1        | SA         |        |
| CRA2A        | AH96-00641D        | ASSY MISC P-WIRELESS IPOD DOCK & CRADLE |                                       | 1        | SA         |        |
|              | 6902-000297        | BAG PE                                  | LDPE,T0.05,W80,L140,TRP,4-PE MARK     | 2        | SNA        |        |
|              | AH68-50254B        | LABEL-SERIAL                            | T0.1,L10,W42,SME/SEHZ                 | 1        | SNA        |        |
| PS130        | AH69-03056A        | CUSHION-TOP                             | HT-WDC10,PET,0.5,158,174,11.          | 1        | SNA        |        |
| PS100        | AH69-03057A        | CUSHION-BOTTOM                          | HT-WDC10,PS,1.0,156,172,6             | 1        | SNA        |        |
|              | AH96-00641A        | ASSY MISC P-WIRELESS IPOD DOCKHT-WDC10  |                                       | 1        | SNA        |        |
|              | AH96-00641B        | ASSY MISC P-WIRELESS IPOD CRADLEHT-WDC1 |                                       | 1        | SNA        |        |
| FL06         | AH96-00647A        | ASSY CABLE P-USB DC                     | HT-WDC10,USB CABLE,U                  | 1        | SA         |        |
| P001A        | BN44-00388D        | DC VSS(A)                               | PSCV100101L,HT-WDC10,100 to 24        | 1        | SA         |        |
|              | AH68-02285A        | LABEL RATING                            | HT-WDC10,ALL,SILVER,0.1,32.           | 1        | SNA        |        |
| ACCE4        | AH96-00649B        | ASSY ACCESSORY-MANUAL                   | HW-C470,EDC                           | 1        | SNA        |        |
| T0685        | 4301-000116        | BATTERY-ALKALINE                        | 1.5V,R03,10.5x44.5mm,AA               | 2        | SNA        |        |
|              | 6801-001763        | CARD-REGISTRATION                       | Europe Registration,XE                | 1        | SNA        |        |
| PE I/B       | 6902-000385        | BAG PE                                  | LDPE,T0.03,W250,L350,TRP,8,1PE MA     | 1        | SNA        |        |
| EC19         | AH39-01077A        | CBF CABLE                               | ALDSX185,HT-WS1,1P-2P,1500mm,D        | 1        | SC         |        |
|              | AH68-02300F        | MANUAL USERS                            | HW-C470,EDC,ENG/FRN/GER/ITA           | 1        | SNA        |        |
|              | AH68-02300G        | MANUAL USERS                            | HW-C470,EDC,POL/HUN/SK/CZ/S           | 1        | SNA        |        |
|              | AH68-02300H        | MANUAL USERS                            | HW-C470,EDC,GRE/RUM/BUL/SER           | 1        | SNA        |        |
|              | AH68-50254B        | LABEL-SERIAL                            | T0.1,L10,W42,SME/SEHZ                 | 1        | SNA        |        |
|              | AK68-01811H        | LEAFLET-WARRANTY CARD                   | comm,Samsung,Lang1                    | 1        | SNA        |        |
| EC02         | AH39-00925B        | INTERFACE CABLE-OPTICAL                 | HT-BD1250,OPTICA                      | 1        | SA         |        |
| <b>MOD2</b>  | <b>AH40-00164A</b> | <b>RF MODULATOR</b>                     | <b>NAM-WM51,DSSS,10dBm,3.3~5V,</b>    | <b>1</b> | <b>SA</b>  |        |
| <b>P001A</b> | <b>AH44-00225A</b> | <b>DC VSS-HP</b>                        | <b>HW-C450,HECK-HWC450-F,AC/DC,50</b> | <b>1</b> | <b>SA</b>  |        |
| <b>M0014</b> | <b>AH94-02511B</b> | <b>ASSY PCB MAIN-HW-C470 MAIN</b>       | <b>HW-C470,MAIN</b>                   | <b>1</b> | <b>SA</b>  |        |
| 6MC22        | 2203-000975        | C-CER,CHIP                              | 47nF,10%,25V,X7R,TP,1608,-            | 1        | SNA        |        |
| AAC1         | 2203-005249        | C-CER,CHIP                              | 100nF,10%,50V,X7R,TP,1608             | 24       | SNA        |        |
| AAC14        | 2203-000888        | C-CER,CHIP                              | 4.7nF,10%,50V,X7R,TP,1608             | 2        | SNA        |        |
| AAR11        | 2007-000312        | R-CHIP                                  | 10ohm,5%,1/4W,TP,3216                 | 2        | SA         |        |
| AAR39        | 2007-000123        | R-CHIP                                  | 1.5Kohm,5%,1/10W,TP,1608              | 1        | SA         |        |
| AC10         | 2203-000531        | C-CER,CHIP                              | 2.7nF,10%,50V,X7R,1608                | 8        | SNA        |        |

| Loc. No. | Part No.    | Description           | Specification                   | Qty. | SNA | Remark |
|----------|-------------|-----------------------|---------------------------------|------|-----|--------|
| AC139    | 2203-000491 | C-CER,CHIP            | 2.2nF,10%,50V,X7R,1608          | 2    | SNA |        |
| AC510    | 3708-001837 | CONNECTOR-FPC/FFC/PIC | 15P,1mm,SMD-S,Sn-P              | 1    | SA  |        |
| AC510    | 3708-001925 | CONNECTOR-FPC/FFC/PIC | 7p,1mm,SMD-S,SnPd,              | 1    | SNA |        |
| AC510    | 3708-002619 | CONNECTOR-FPC/FFC/PIC | 13P,1.0MM,SMD-S,SN              | 1    | SNA |        |
| AC611    | 2203-005194 | C-CER,CHIP            | .22nF,10%,50V,X7R,TP,1608       | 2    | SNA |        |
| AD480    | 2203-001386 | C-CER,CHIP            | 100nF,10%,100V,X7R,TP,3216,3.   | 4    | SNA |        |
| AD480    | 2203-006336 | C-CER,CHIP            | 10000nF,10%,25V,X5R,3216        | 5    | SNA |        |
| AD480    | 2203-006698 | C-CER,CHIP            | 1000nF,10%,25V,X7R,1608         | 2    | SA  |        |
| AD480    | 2203-006706 | C-CER,CHIP            | 2200nF,10%,50V,X7R,3225         | 1    | SNA |        |
| AQ8      | 0504-000156 | TR-DIGITAL            | KSR2103,PNP,200MW,22K/22K,SOT   | 1    | SA  |        |
| AR108    | 2007-000097 | R-CHIP                | 47Kohm,5%,1/10W,TP,1608         | 3    | SA  |        |
| AR150    | 2007-000078 | R-CHIP                | 1Kohm,5%,1/10W,TP,1608          | 5    | SA  |        |
| AR164    | 2007-000076 | R-CHIP                | 330ohm,5%,1/10W,TP,1608         | 1    | SNA |        |
| AR174    | 2007-000129 | R-CHIP                | 27Kohm,5%,1/10W,TP,1608         | 2    | SA  |        |
| AR30     | 2007-000074 | R-CHIP                | 100ohm,5%,1/10W,TP,1608         | 4    | SNA |        |
| AR42     | 2007-000939 | R-CHIP                | 47Kohm,1%,1/10W,TP,1608         | 2    | SNA |        |
| AR49     | 2007-000140 | R-CHIP                | 1Kohm,5%,1/16W,TP,1005          | 10   | SNA |        |
| AVC08    | 2203-002398 | C-CER,CHIP            | 22nF,10%,50V,X7R,1608           | 1    | SNA |        |
| AVR51    | 2007-000083 | R-CHIP                | 3Kohm,5%,1/10W,TP,1608          | 2    | SNA |        |
| C        | 2401-004704 | C-AL                  | 470uF,20%,50V,TP,16x12.5mm,5mm  | 2    | SNA |        |
| C102     | 2203-006158 | C-CER,CHIP            | 100nF,10%,16V,X7R,TP,1005       | 87   | SA  |        |
| C125     | 2203-006361 | C-CER,CHIP            | 10000nF,10%,10V,X5R,TP,2012     | 18   | SA  |        |
| C134     | 2203-000257 | C-CER,CHIP            | 10nF,10%,50V,X7R,TP,1608        | 4    | SA  |        |
| C24      | 2203-005565 | C-CER,CHIP            | 1nF,5%,50V,NP0,TP,1608          | 6    | SA  |        |
| C254     | 2203-000438 | C-CER,CHIP            | 1nF,10%,50V,X7R,TP,1005         | 6    | SNA |        |
| C3       | 2203-000384 | C-CER,CHIP            | 0.015nF,5%,50V,C0G,1608         | 2    | SNA |        |
| CER02    | 2007-000071 | R-CHIP                | 22ohm,5%,1/10W,TP,1608          | 1    | SA  |        |
| CN1      | 3708-001765 | CONNECTOR-FPC/FFC/PIC | 24P,0.5mm,SMD-S,SN              | 1    | SA  |        |
| CN2      | 3722-002313 | JACK-USB              | 4P/1C,AU30U,BLK,STRAIGHT,A TYPE | 1    | SA  |        |
| CN906    | 0603-001164 | CONNECTOR-OPTICAL     | 5V,16Mb/s,0m,0dB,650nm          | 2    | SA  |        |
| CQ3      | 0501-002184 | TR-SMALL SIGNAL       | KTD1304,NPN,200mW,SOT-23        | 2    | SA  |        |
| D0254    | 0609-001379 | MODULE REMOCON        | HORIZONTAL,12.4mm,TR            | 1    | SA  |        |
| D1       | 0401-001099 | DIODE-SWITCHING       | 1N4148WS,75V,150mA,SOD-3        | 10   | SA  |        |
| DC54     | 2203-000278 | C-CER,CHIP            | .01nF,0.5pF,50V,C0G,TP,1005     | 9    | SA  |        |
| DOIC1    | AH14-10004R | IC-CMOS LOGIC         | 74HCU04,INVERTER,SOP,14P,1      | 1    | SA  |        |
| DR01A    | 0402-001427 | DIODE-RECTIFIER       | ES1D,200V,1A,DO-214AC,TP        | 2    | SA  |        |
| DR1      | 2007-000043 | R-CHIP                | 1Kohm,1%,1/10W,TP,1608          | 1    | SNA |        |
| DR10     | 2007-000113 | R-CHIP                | 33ohm,5%,1/10W,TP,1608          | 1    | SA  |        |
| DR37     | 2007-000932 | R-CHIP                | 470ohm,5%,1/16W,TP,1005         | 1    | SA  |        |
| DS01A    | 0401-001166 | DIODE-SWITCHING       | BAV20WS-V,150V,250mA,SOD        | 2    | SA  |        |
| ER19     | 2007-002899 | R-CHIP                | 10ohm,1%,1/10W,TP,1608          | 4    | SA  |        |
| FAN1     | 3711-000820 | HEADER-BOARD TO CABLE | BOX,2P,1R,2.5MM,ST              | 2    | SA  |        |
| FAR22    | 2007-000082 | R-CHIP                | 3.3Kohm,5%,1/10W,TP,1608        | 2    | SA  |        |
| FMR4     | 2007-000080 | R-CHIP                | 2Kohm,5%,1/10W,TP,1608          | 2    | SNA |        |
| HDR2     | 2007-000151 | R-CHIP                | 15Kohm,5%,1/16W,TP,1005         | 2    | SNA |        |
| HRP2     | 2011-001344 | R-NETWORK             | 100ohm,5%,1/16W,L,CHIP,8P,TP,2  | 1    | SA  |        |
| IC108    | 1002-001513 | IC-A/D CONVERTER      | AK5358AET,24,TSSOP,16P,         | 1    | SNA |        |
| IC520    | 0903-001638 | IC-MICROCONTROLLER    | EPF005N,LQFP,64P,7x7m           | 1    | SNA |        |

| Loc. No. | Part No.    | Description           | Specification                    | Qty.  | SNA | Remark |
|----------|-------------|-----------------------|----------------------------------|-------|-----|--------|
| JA330    | 3722-000143 | JACK-PHONE            | 1P(VER),AG,BLK,ANGLE             | 1     | SA  |        |
| KAC5     | 2203-001126 | C-CER,CHIP            | 0.68nF,10%,50V,X7R,1608          | 4     | SNA |        |
| KAR11    | 2007-000124 | R-CHIP                | 2.2Kohm,5%,1/10W,TP,1608         | 3     | SNA |        |
| KAR13    | 2007-000060 | R-CHIP                | 100Kohm,1%,1/10W,TP,1608         | 1     | SNA |        |
| KAR21    | 2007-000070 | R-CHIP                | 0ohm,5%,1/10W,TP,1608            | 8     | SA  |        |
| KCN19    | 3710-002048 | SOCKET-BOARD TO CABLE | 19P,2R,1.25mm,STRA               | 1     | SA  |        |
| KOP1     | 1201-000163 | IC-OP AMP             | 4560,SOP,8P,173MIL,DUAL,100V/m   | 1     | SA  |        |
| KR24     | 2007-000067 | R-CHIP                | 15Kohm,1%,1/10W,TP,1608          | 2     | SNA |        |
| MC2      | 2203-000254 | C-CER,CHIP            | 10nF,10%,16V,X7R,TP,1005         | 14    | SA  |        |
| MIC2     | 1105-001573 | IC-DRAM               | K4S281632,-,128Mbit,8Mx16Bit,TSO | 1     | SA  |        |
| MR112    | 2007-000309 | R-CHIP                | 10ohm,5%,1/10W,TP,1608           | 9     | SNA |        |
| MR122    | 2007-000094 | R-CHIP                | 22Kohm,5%,1/10W,TP,1608          | 3     | SNA |        |
| MR13     | 2007-000092 | R-CHIP                | 15Kohm,5%,1/10W,TP,1608          | 1     | SNA |        |
| MR19     | 2007-000087 | R-CHIP                | 6.8Kohm,5%,1/10W,TP,1608         | 1     | SA  |        |
| MR306    | 2007-000141 | R-CHIP                | 2.2Kohm,5%,1/16W,TP,1005         | 2     | SNA |        |
| MR34     | 2007-000118 | R-CHIP                | 390ohm,5%,1/10W,TP,1608          | 2     | SA  |        |
| MR36     | 2007-000153 | R-CHIP                | 22Kohm,5%,1/16W,TP,1005          | 5     | SA  |        |
| MROP1    | 2007-000090 | R-CHIP                | 10Kohm,5%,1/10W,TP,1608          | 7     | SA  |        |
| OTR1     | 2007-001292 | R-CHIP                | 33ohm,5%,1/16W,TP,1005           | 33    | SNA |        |
| P803T    | 1404-001483 | THERMISTOR-PTC        | 470ohm,50%,32V,TP                | 1     | SA  |        |
| PC43     | 2203-000233 | C-CER,CHIP            | 0.1nF,5%,50V,C0G,TP,1005         | 2     | SNA |        |
| PC69     | 2203-006818 | C-CER,CHIP            | 47000nF,20%,6.3V,X5R,3216        | 10    | SA  |        |
| PIC2     | 1203-002220 | IC-POSI.ADJUST REG.   | LD1117,DPAK,3P,240MI             | 1     | SA  |        |
| PPC2     | 2203-005148 | C-CER,CHIP            | 100nF,10%,16V,X7R,TP,1608        | 7     | SNA |        |
| PPD1     | 0402-000309 | DIODE-RECTIFIER       | 1SR154-400,400V,1A,SOD-1         | 5     | SA  |        |
| PPR2     | 2007-000343 | R-CHIP                | 120ohm,1%,1/10W,TP,1608          | 1     | SA  |        |
| PR4      | 2007-000052 | R-CHIP                | 10Kohm,1%,1/10W,TP,1608          | 5     | SA  |        |
| PR4      | 2007-000265 | R-CHIP                | 1.8Kohm,1%,1/10W,TP,1608         | 4     | SNA |        |
| PR6      | 2007-000583 | R-CHIP                | 22Kohm,1%,1/10W,TP,1608          | 2     | SA  |        |
| Q1040    | 0501-000457 | TR-SMALL SIGNAL       | MMBT2222A/KST2222A,NPN,3         | 2     | SA  |        |
| Q409     | 0505-002365 | FET-SILICON           | IRF6645,N,100V,5.7A,0.035ohm     | 4     | SNA |        |
| R1       | 2007-002425 | R-CHIP                | 1ohm,5%,1/10W,TP,1608            | 9     | SNA |        |
| R104     | 2007-000148 | R-CHIP                | 10Kohm,5%,1/16W,TP,1005          | 12    | SA  |        |
| R105     | 2007-000138 | R-CHIP                | 100ohm,5%,1/16W,TP,1005          | 28    | SA  |        |
| R111     | 2007-000171 | R-CHIP                | 0ohm,5%,1/16W,TP,1005            | 2     | SNA |        |
| R1P151   | 2007-000121 | R-CHIP                | 820ohm,5%,1/10W,TP,1608          | 4     | SA  |        |
| R2136    | 2007-000239 | R-CHIP                | 1.5Kohm,1%,1/10W,TP,1608         | 4     | SNA |        |
| R227     | 2007-000086 | R-CHIP                | 5.6Kohm,5%,1/10W,TP,1608         | 1     | SNA |        |
| R3A08    | 2007-000091 | R-CHIP                | 12Kohm,5%,1/10W,TP,1608          | 2     | SNA |        |
| R3A13    | 2007-000100 | R-CHIP                | 68Kohm,5%,1/10W,TP,1608          | 2     | SNA |        |
| R419     | 2007-000882 | R-CHIP                | 4.7ohm,5%,1/10W,TP,1608          | 4     | SA  |        |
| R505     | 2007-000496 | R-CHIP                | 2.2Kohm,5%,1/4W,TP,3216          | 2     | SA  |        |
| R509     | 2007-001179 | R-CHIP                | 8.2Kohm,5%,1/10W,TP,1608         | 2     | SNA |        |
| R813     | 2007-000643 | R-CHIP                | 270ohm,5%,1/10W,TP,1608          | 2     | SNA |        |
| R830     | 2007-000101 | R-CHIP                | 82Kohm,5%,1/10W,TP,1608          | 2     | SA  |        |
| RC25     | 2402-001009 | C-AL,SMD              | 100uF,20%,6.3V,GP,TP,5.3x5.3x5   | 1     | SA  |        |
| REC3     | 2402-001237 | C-AL,SMD              | 330uF,20%,6.3V,-,TP,6.3x7.7mm    | 2     | SA  |        |
| RR2      | 2007-000075 | R-CHIP                | 220ohm,5%,1/10W,TP,1608          | 1     | SA  |        |
| S.N.A    | 0202-001459 | SOLDER-CREAM          | S3X58-M405,D20~38um,96.5Sn/      | 1.128 | SNA |        |



| Loc. No.     | Part No.           | Description                     | Specification                       | Qty.     | SNA       | Remark |
|--------------|--------------------|---------------------------------|-------------------------------------|----------|-----------|--------|
| S.N.A        | 0202-001492        | SOLDER-WIRE FLUX                | HSE-02 LFM48 SR-34 S,-,             | 0.167    | SNA       |        |
| T0052        | 2703-002524        | INDUCTOR-SMD                    | 10uH,10%,3225                       | 1        | SNA       |        |
| T0052        | 2703-003362        | INDUCTOR-SMD                    | 4.7uH,20%,7070                      | 1        | SNA       |        |
| T0077        | AH41-01290A        | PCB MAIN                        | HW-C450,FR-4,4                      | 1        | SNA       |        |
| T0087        | 1203-002842        | IC-POSI.FIXED REG.              | AP1117D-33,TO-252,3P,               | 1        | SA        |        |
| T0087        | 1203-003695        | IC-POSI.FIXED REG.              | NCP1117ST33T3G,SOT-22               | 1        | SA        |        |
| T0568        | 3301-001404        | BEAD-SMD                        | 30ohm,2012,TP,15.9OHM/30MHz         | 13       | SA        |        |
| U1502        | 1203-001212        | IC-VOL. DETECTOR                | 7029,SOT-89,3P,-,PLASTI             | 2        | SA        |        |
| UR23         | 2007-000174        | R-CHIP                          | 47ohm,5%,1/16W,TP,1005              | 7        | SNA       |        |
| UR53         | 2007-000305        | R-CHIP                          | 10Mohm,5%,1/10W,TP,1608             | 1        | SA        |        |
| WC31         | 2305-000407        | C-FILM,LEAD-PEF                 | 470nF,5%,100V,TP,10.5x6x            | 2        | SA        |        |
| X202         | 2801-003326        | CRYSTAL-SMD                     | 24MHz,30ppm,28-ABX,20pF,50oh        | 1        | SA        |        |
| X202         | 2801-004371        | CRYSTAL-SMD                     | 12.288MHz,50ppm,SX-1,18pF,50        | 1        | SNA       |        |
| ZC14         | 2203-000626        | C-CER,CHIP                      | 0.022nF,5%,50V,C0G,1608             | 4        | SNA       |        |
| ZIC3         | 1107-001709        | IC-FLASH MEMORY                 | MX25L1605DM2I-12G,16Mbit            | 1        | SNA       |        |
| ZR24         | 2007-000109        | R-CHIP                          | 1Mohm,5%,1/10W,TP,1608              | 1        | SA        |        |
| ZRN10        | 2011-001261        | R-NETWORK                       | 33ohm,5%,1/16W,L,CHIP,8P,TP,2.      | 1        | SA        |        |
| ZVL3         | 3301-001495        | BEAD-SMD                        | 120ohm,2012,2500mA,TP,115ohm/10     | 2        | SA        |        |
|              | 0202-001768        | SOLDER-BAR                      | HSE-16,S60S-20,D3,SN/0.5CU/0.       | 2.524    | SNA       |        |
|              | 0204-002514        | THINNER                         | TS4500,OXIGEN,NO,13.15KG,14KG/BO    | 1.679    | SNA       |        |
|              | 0204-002606        | FLUX                            | LF-715K,OXIGEN,NO,16000L,14%,16kg,G | 0.616    | SNA       |        |
|              | 0406-001128        | DIODE-TVS                       | MLVS-0603-E08,50V                   | 7        | SA        |        |
|              | 0501-000150        | TR-SMALL SIGNAL                 | 2SA1037,PNP,200mW,SOT-23            | 2        | SA        |        |
|              | 0904-002550        | IC-DSP                          | TMS320D788E002,PQFP,144P,20x20mm,   | 1        | SNA       |        |
|              | 1003-002268        | IC-GATE DRIVER                  | IRS2053MTRPBF,MLPQ,48P,7X           | 1        | SA        |        |
|              | 1204-002969        | IC-MODULATOR                    | PS9831,TQFP,100P,14x14mm,PL         | 1        | SNA       |        |
|              | 1205-003160        | IC-CODEC                        | AK4113VF,VSOP,30P,9.7x5.6mm,PLA     | 1        | SA        |        |
|              | 2007-000253        | R-CHIP                          | 1.5ohm,5%,1/4W,TP,3216              | 2        | SA        |        |
|              | 2007-001199        | R-CHIP                          | 820ohm,1%,1/10W,TP,1608             | 2        | SA        |        |
|              | 2007-007065        | R-CHIP                          | 10ohm,5%,1W,TP,6432                 | 2        | SA        |        |
|              | 2007-007136        | R-CHIP                          | 4.7Kohm,1%,1/16W,TP,1005            | 20       | SA        |        |
|              | 2011-001345        | R-NETWORK                       | 10Kohm,5%,1/16W,L,CHIP,8P,TP,2      | 1        | SA        |        |
|              | 2404-001374        | C-TA,CHIP                       | 10uF,20%,16V,-,TP,2012              | 2        | SA        |        |
|              | AH27-00075A        | COIL                            | DBF-1322CD,21.5uH,15%,13.5,13.5 pi  | 2        | SNA       |        |
|              | AH97-05312A        | ASSY MICOM-NOR-FLASH            | HW-C450,AH94-02511A                 | 1        | SNA       |        |
|              | AH97-05554B        | ASSY MICOM-MAIN MICOM           | HW-C470,AH94-02511                  | 1        | SNA       |        |
|              | AH97-05924A        | ASSY SMD-HW-C470 MAIN           | HW-C470,MAIN,AH94-                  | 1        | SNA       |        |
|              | AH97-05925A        | ASSY MANUAL INSERT-HW-C470 MAIN | AH94-025                            | 1        | SNA       |        |
| <b>SP07A</b> | <b>AH91-00261B</b> | <b>ASSY SPEAKER</b>             | <b>HW-C470,EDC</b>                  | <b>1</b> | <b>SA</b> |        |
| 1SC07        | 2201-002065        | C-CERAMIC,DISC                  | 47pF,10%,1KV,SL,TP,6.3x4,           | 1        | SNA       |        |
| 6MC22        | 2203-000975        | C-CER,CHIP                      | 47nF,10%,25V,X7R,TP,1608,-          | 1        | SNA       |        |
| AAC1         | 2203-005249        | C-CER,CHIP                      | 100nF,10%,50V,X7R,TP,1608           | 56       | SNA       |        |
| AAC1         | 2203-005249        | C-CER,CHIP                      | 100nF,10%,50V,X7R,TP,1608           | 3        | SNA       |        |
| AAC14        | 2203-000888        | C-CER,CHIP                      | 4.7nF,10%,50V,X7R,TP,1608           | 1        | SNA       |        |
| AAR11        | 2007-000312        | R-CHIP                          | 10ohm,5%,1/4W,TP,3216               | 2        | SA        |        |
| AC10         | 2203-000531        | C-CER,CHIP                      | 2.7nF,10%,50V,X7R,1608              | 4        | SNA       |        |
| AC139        | 2203-000491        | C-CER,CHIP                      | 2.2nF,10%,50V,X7R,1608              | 1        | SNA       |        |

| Loc. No. | Part No.    | Description           | Specification                     | Qty. | SNA | Remark |
|----------|-------------|-----------------------|-----------------------------------|------|-----|--------|
| AC28     | 2203-001607 | C-CER,CHIP            | 0.22nF,5%,50V,NP0,1608            | 1    | SNA |        |
| AD480    | 2203-000979 | C-CER,CHIP            | 47nF,10%,50V,X7R,TP,2012          | 1    | SA  |        |
| AD480    | 2203-001386 | C-CER,CHIP            | 100nF,10%,100V,X7R,TP,3216,3.     | 1    | SNA |        |
| AD480    | 2203-002494 | C-CER,CHIP            | 470nF,10%,16V,X7R,2012            | 2    | SNA |        |
| AD480    | 2203-006104 | C-CER,CHIP            | 1000nF,10%,50V,X7R,TP,3225,2.     | 1    | SNA |        |
| AD480    | 2203-006336 | C-CER,CHIP            | 10000nF,10%,25V,X5R,3216          | 4    | SNA |        |
| AD480    | 2203-006698 | C-CER,CHIP            | 1000nF,10%,25V,X7R,1608           | 2    | SA  |        |
| AD480    | 2203-007176 | C-CER,CHIP            | 10000nF,10%,16V,X5R,TP,2012       | 2    | SNA |        |
| AD480    | 2203-007233 | C-CER,CHIP            | 22000nF,10%,16V,X5R,TP,3216       | 1    | SNA |        |
| AH020    | AH62-00204A | HEAT SINK             | HT-Z320,A6063S-T5,15,11,SILVER    | 3    | SNA |        |
| AH020    | AH62-30122G | HEAT SINK             | SWA-5000,AL,SMPS                  | 1    | SNA |        |
| AH260    | AH61-02854A | HOLDER-HEATSINK       | HT-BD1250,HIPS V0,2.0mm,          | 2    | SNA |        |
| AP028    | AH69-02916A | PAD-THERMAL           | SWA-5000,RUB-OTH,1.0,5.8,28,      | 1    | SNA |        |
| AQ7      | 0504-000128 | TR-DIGITAL            | FJV3103R,NPN,200mW,22K/22Kohm     | 3    | SA  |        |
| AQ8      | 0504-000156 | TR-DIGITAL            | KSR2103,PNP,200MW,22K/22K,SOT     | 1    | SA  |        |
| AR108    | 2007-000097 | R-CHIP                | 47Kohm,5%,1/10W,TP,1608           | 9    | SA  |        |
| AR150    | 2007-000078 | R-CHIP                | 1Kohm,5%,1/10W,TP,1608            | 7    | SA  |        |
| AR158    | 2007-000077 | R-CHIP                | 470ohm,5%,1/10W,TP,1608           | 1    | SA  |        |
| AR164    | 2007-000076 | R-CHIP                | 330ohm,5%,1/10W,TP,1608           | 1    | SNA |        |
| AR174    | 2007-000129 | R-CHIP                | 27Kohm,5%,1/10W,TP,1608           | 1    | SA  |        |
| AR2      | 2007-001068 | R-CHIP                | 6.8Kohm,1%,1/10W,TP,1608          | 2    | SA  |        |
| AR28     | 2007-000683 | R-CHIP                | 3.3Kohm,1%,1/10W,TP,1608          | 1    | SA  |        |
| AR30     | 2007-000074 | R-CHIP                | 100ohm,5%,1/10W,TP,1608           | 7    | SNA |        |
| AR42     | 2007-000939 | R-CHIP                | 47Kohm,1%,1/10W,TP,1608           | 1    | SNA |        |
| ARR2     | 2007-000102 | R-CHIP                | 100Kohm,5%,1/10W,TP,1608          | 6    | SA  |        |
| AVC08    | 2203-002398 | C-CER,CHIP            | 22nF,10%,50V,X7R,1608             | 1    | SNA |        |
| C        | 2401-000480 | C-AL                  | 10uF,20%,50V,GP,TP,5x11,5         | 1    | SNA |        |
| C        | 2401-000970 | C-AL                  | 22uF,20%,50V,WT,TP,5x11,5         | 1    | SNA |        |
| C        | 2401-000287 | C-AL                  | 100uF,20%,16V,WT,TP,6.3x11,5      | 2    | SA  |        |
| C        | 2402-001254 | C-AL,SMD              | 10uF,20%,50V,WT,TP,6.3x5.2mm      | 1    | SA  |        |
| C        | 2402-001081 | C-AL,SMD              | 100uF,20%,25V,WT,TP,8.3x8.3x10    | 1    | SA  |        |
| C        | 2401-004447 | C-AL                  | 680uF,20%,50V,LZ,TP,12.5x25mm,5mm | 2    | SNA |        |
| C        | 2401-003069 | C-AL                  | 470uF,20%,50V,WT,TP,10x20mm,5     | 2    | SA  |        |
| C        | 2401-004723 | C-AL                  | 220uF,20%,450V,BK,30*25,10mm      | 1    | SNA |        |
| C104     | 2203-001628 | C-CER,CHIP            | 0.03nF,5%,50V,NP0,1608            | 2    | SA  |        |
| C125     | 2203-006361 | C-CER,CHIP            | 10000nF,10%,10V,X5R,TP,2012       | 10   | SA  |        |
| C134     | 2203-000257 | C-CER,CHIP            | 10nF,10%,50V,X7R,TP,1608          | 2    | SA  |        |
| C1S41    | 2401-003785 | C-AL                  | 1000UF,20%,16V,WT,TP,10X20MM,5    | 2    | SNA |        |
| C212     | 2203-000440 | C-CER,CHIP            | 1nF,10%,50V,X7R,TP,1608           | 1    | SNA |        |
| C24      | 2203-005565 | C-CER,CHIP            | 1nF,5%,50V,NP0,TP,1608            | 3    | SA  |        |
| C3A21A   | 2203-001554 | C-CER,CHIP            | 1.8nF,10%,50V,X7R,1608            | 1    | SA  |        |
| C4N08    | 2203-000140 | C-CER,CHIP            | 1.5nF,10%,50V,X7R,1608            | 2    | SNA |        |
| CEC02    | 2402-001178 | C-AL,SMD              | 10uF,20%,16V,WT,TP,4.3x4.3x5.8m   | 1    | SA  |        |
| CER02    | 2007-000071 | R-CHIP                | 22ohm,5%,1/10W,TP,1608            | 1    | SA  |        |
| CER04    | 2007-000084 | R-CHIP                | 4.7Kohm,5%,1/10W,TP,1608          | 11   | SA  |        |
| CN1      | 3708-001765 | CONNECTOR-FPC/FFC/PIC | 24P,0.5mm,SMD-S,SN                | 1    | SA  |        |
| CN1      | 3711-000028 | HEADER-BOARD TO CABLE | BOX,4P,1R,2MM,STRA                | 1    | SA  |        |
| CN707    | 3711-004067 | HEADER-BOARD TO CABLE | BOX,4P,1R,2mm,ANGL                | 1    | SA  |        |

| Loc. No. | Part No.    | Description           | Specification                   | Qty. | SNA | Remark |
|----------|-------------|-----------------------|---------------------------------|------|-----|--------|
| CY5      | 2305-001016 | C-FILM,LEAD-PEF       | 10nF,10%,630V,TP,12.5x6.        | 3    | SNA |        |
| D0254    | 0404-001409 | DIODE-SCHOTTKY        | SR2A0,100V,2000mA,DO-15,T       | 4    | SA  |        |
| D1       | 0401-001099 | DIODE-SWITCHING       | 1N4148WS,75V,150mA,SOD-3        | 5    | SA  |        |
| D1S40    | 0402-000351 | DIODE-RECTIFIER       | 1N4937,600V,1A,DO-41,TP         | 1    | SA  |        |
| DR01A    | 0402-001427 | DIODE-RECTIFIER       | ES1D,200V,1A,DO-214AC,TP        | 1    | SA  |        |
| DR01A    | 0402-001889 | DIODE-RECTIFIER       | SFAF804G,200V,8A,ITO-220        | 2    | SNA |        |
| DR10     | 2007-000113 | R-CHIP                | 33ohm,5%,1/10W,TP,1608          | 1    | SA  |        |
| DS01A    | 0401-001166 | DIODE-SWITCHING       | BAV20WS-V,150V,250mA,SOD        | 1    | SA  |        |
| EC13     | AH39-01113A | LEAD CONNECTOR        | HW-C450,Connector Ass'y,U       | 1    | SA  |        |
| EH01     | 3711-000178 | HEADER-BOARD TO CABLE | 1WALL,2P,1R,3.96mm              | 1    | SA  |        |
| EL03     | 0601-001432 | LED                   | ROUND,BLUE,3mm,455nm            | 1    | SA  |        |
| EL04     | 0601-002711 | LED                   | ROUND,RED,3.1mm,639nm,3.5x5.2mm | 1    | SA  |        |
| ER19     | 2007-002899 | R-CHIP                | 10ohm,1%,1/10W,TP,1608          | 2    | SA  |        |
| FAR22    | 2007-000082 | R-CHIP                | 3.3Kohm,5%,1/10W,TP,1608        | 2    | SA  |        |
| FL261    | 3809-002512 | FFC CABLE-FLAT        | 30V,80C,110mm,24P,0.5mm,U       | 1    | SA  |        |
| FMR4     | 2007-000080 | R-CHIP                | 2Kohm,5%,1/10W,TP,1608          | 4    | SNA |        |
| HD9      | 1405-001192 | VARISTOR              | 12Vdc,30A,1.6x0.8x0.55mm,TP     | 2    | SA  |        |
| HR13     | 2007-000821 | R-CHIP                | 390ohm,1%,1/10W,TP,1608         | 1    | SNA |        |
| IDR23    | 2007-000116 | R-CHIP                | 120ohm,5%,1/10W,TP,1608         | 1    | SNA |        |
| JP19     | 2007-000033 | R-CHIP                | 0ohm,5%,1/4W,TP,3216            | 1    | SA  |        |
| KAC5     | 2203-001126 | C-CER,CHIP            | 0.68nF,10%,50V,X7R,1608         | 4    | SNA |        |
| KAR11    | 2007-000124 | R-CHIP                | 2.2Kohm,5%,1/10W,TP,1608        | 1    | SNA |        |
| KAR21    | 2007-000070 | R-CHIP                | 0ohm,5%,1/10W,TP,1608           | 5    | SA  |        |
| KAR7     | 2007-000120 | R-CHIP                | 680ohm,5%,1/10W,TP,1608         | 4    | SA  |        |
| KAR9     | 2007-000093 | R-CHIP                | 20Kohm,5%,1/10W,TP,1608         | 1    | SA  |        |
| KD2      | 0401-000005 | DIODE-SWITCHING       | 1N4148,75V,150mA,DO-35,T        | 1    | SA  |        |
| KOP1     | 1201-000163 | IC-OP AMP             | 4560,SOP,8P,173MIL,DUAL,100V/m  | 1    | SA  |        |
| KQ6      | 0501-000341 | TR-SMALL SIGNAL       | KSC1623-L,NPN,200mW,SOT-        | 4    | SA  |        |
| LF2_1    | AH29-00016B | FILTER LINE           | HT-Z320,TR16 4.0mH,0.08,4.0m    | 2    | SA  |        |
| MOD1     | AH40-00164B | RF MODULATOR          | NAM-WM52,DSSS,10dBm,3.3~5V,     | 1    | SA  |        |
| MPIC1    | AH14-10003E | IC                    | KIA7812PI,,TO-220               | 1    | SA  |        |
| MR112    | 2007-000309 | R-CHIP                | 10ohm,5%,1/10W,TP,1608          | 3    | SNA |        |
| MR122    | 2007-000094 | R-CHIP                | 22Kohm,5%,1/10W,TP,1608         | 2    | SNA |        |
| MR19     | 2007-000087 | R-CHIP                | 6.8Kohm,5%,1/10W,TP,1608        | 4    | SA  |        |
| MR8      | 2007-000503 | R-CHIP                | 2.2ohm,5%,1/10W,TP,1608         | 1    | SA  |        |
| MROP1    | 2007-000090 | R-CHIP                | 10Kohm,5%,1/10W,TP,1608         | 13   | SA  |        |
| P803T    | 1404-001483 | THERMISTOR-PTC        | 470ohm,50%,32V,TP               | 1    | SA  |        |
| PBS01    | AC27-92001M | COIL-INDUCTOR         | RH3.5x6.5RS,BEAD(RADIAL)        | 8    | SA  |        |
| PCD02    | 2201-000963 | C-CERAMIC,DISC        | 1nF,20%,400V,Y5U,9.5x6mm,       | 3    | SNA |        |
| PCNS2    | 3711-000203 | HEADER-BOARD TO CABLE | 1WALL,2P/3P,1R,7.9              | 1    | SA  |        |
| PD13     | 1203-000187 | IC-POSI.ADJUST REG.   | 431,TO-92,3P,-,PLAST            | 2    | SA  |        |
| PDS11    | 0402-000012 | DIODE-RECTIFIER       | UF4007,1000V,1A,DO-41,TP        | 2    | SA  |        |
| PICS1    | 0604-001028 | PHOTO-COUPLER         | TR,50-600%,250mW,DIP-4,ST       | 3    | SC  |        |
| PPD1     | 0402-000309 | DIODE-RECTIFIER       | 1SR154-400,400V,1A,SOD-1        | 8    | SA  |        |
| PPE3     | 2401-001358 | C-AL                  | 470uF,20%,10V,WT,TP,8x11.5mm,5  | 2    | SA  |        |
| PR13     | 2007-001318 | R-CHIP                | 1Kohm,5%,1/4W,TP,3216           | 1    | SA  |        |
| PR4      | 2007-000052 | R-CHIP                | 10Kohm,1%,1/10W,TP,1608         | 6    | SA  |        |
| PR6      | 2007-000072 | R-CHIP                | 47ohm,5%,1/10W,TP,1608          | 10   | SNA |        |

| Loc. No. | Part No.    | Description           | Specification                    | Qty. | SNA | Remark |
|----------|-------------|-----------------------|----------------------------------|------|-----|--------|
| PRS13    | 2003-000994 | R-METAL OXIDE(S)      | 33Kohm,5%,2W,AF,TP,3.9x          | 2    | SA  |        |
| PSCZ2    | 2201-000129 | C-CERAMIC,DISC        | 0.1nF,10%,1000V,Y5P,-,7x4        | 1    | SNA |        |
| Q1       | 0501-000479 | TR-SMALL SIGNAL       | KST42,NPN,350mW,SOT-23,T         | 2    | SA  |        |
| Q1040    | 0501-000457 | TR-SMALL SIGNAL       | MMBT2222A/KST2222A,NPN,3         | 3    | SA  |        |
| Q1042    | 0501-000462 | TR-SMALL SIGNAL       | MMBT2907A,PNP,350mW,SOT-         | 1    | SNA |        |
| Q409     | 0505-002365 | FET-SILICON           | IRF6645,N,100V,5.7A,0.035ohm     | 2    | SNA |        |
| R1       | 2002-001115 | R-COMPOSITION         | 1.5Mohm,5%,1/2W,AA,TP,4x12       | 1    | SA  |        |
| R1       | 2007-002425 | R-CHIP                | 1ohm,5%,1/10W,TP,1608            | 6    | SNA |        |
| R1053    | 2007-000131 | R-CHIP                | 91Kohm,5%,1/10W,TP,1608          | 1    | SNA |        |
| R15      | 2007-000134 | R-CHIP                | 33Kohm,5%,1/10W,TP,1608          | 2    | SNA |        |
| R1P151   | 2007-000121 | R-CHIP                | 820ohm,5%,1/10W,TP,1608          | 1    | SA  |        |
| R1S36    | 2007-000491 | R-CHIP                | 2.2Kohm,1%,1/10W,TP,1608         | 3    | SA  |        |
| R227     | 2007-000086 | R-CHIP                | 5.6Kohm,5%,1/10W,TP,1608         | 1    | SNA |        |
| R320     | 2007-000458 | R-CHIP                | 18Kohm,5%,1/10W,TP,1608          | 1    | SA  |        |
| R331     | 2007-000079 | R-CHIP                | 1.8Kohm,5%,1/10W,TP,1608         | 1    | SA  |        |
| R3A08    | 2007-000091 | R-CHIP                | 12Kohm,5%,1/10W,TP,1608          | 1    | SNA |        |
| R3A13    | 2007-000100 | R-CHIP                | 68Kohm,5%,1/10W,TP,1608          | 2    | SNA |        |
| R419     | 2007-000882 | R-CHIP                | 4.7ohm,5%,1/10W,TP,1608          | 2    | SA  |        |
| R505     | 2007-000496 | R-CHIP                | 2.2Kohm,5%,1/4W,TP,3216          | 1    | SA  |        |
| R509     | 2007-001179 | R-CHIP                | 8.2Kohm,5%,1/10W,TP,1608         | 2    | SNA |        |
| R545     | 2007-000512 | R-CHIP                | 2.4Kohm,5%,1/10W,TP,1608         | 2    | SNA |        |
| R893B    | 2007-000122 | R-CHIP                | 1.2Kohm,5%,1/10W,TP,1608         | 4    | SA  |        |
| R9       | 2003-002239 | R-METAL OXIDE(S)      | 100Kohm,5%,2W,AF,TP,3.9          | 1    | SA  |        |
| RR2      | 2007-000075 | R-CHIP                | 220ohm,5%,1/10W,TP,1608          | 3    | SA  |        |
| RR2      | 2007-000075 | R-CHIP                | 220ohm,5%,1/10W,TP,1608          | 2    | SA  |        |
| S.N.A    | 0202-001492 | SOLDER-WIRE FLUX      | HSE-02 LFM48 SR-34 S,-,          | 0.05 | SNA |        |
| SA01A    | AH94-02416A | ASSY PCB AMP          | HW-C450,SUBWOOFER AMP            | 1    | SNA |        |
| SBD5     | 0402-001258 | DIODE-BRIDGE          | GBU606,600V,6A,SIP-4,BK          | 1    | SA  |        |
| SL01A    | AH94-02478B | ASSY PCB LED-LED ASSY | HW-C450,LED ASSY                 | 1    | SNA |        |
| T0086    | 1203-005211 | IC-PWM CONTROLLER     | ICE3BR4765J,DIP,8P,9.4           | 1    | SA  |        |
| T0086    | 1203-006090 | IC-PWM CONTROLLER     | ICE2QS03,DIP,8P,9.52x6           | 1    | SA  |        |
| T0087    | 1203-003695 | IC-POSI.FIXED REG.    | NCP1117ST33T3G,SOT-22            | 1    | SA  |        |
| T0087    | 1203-001006 | IC-POSI.FIXED REG.    | 78R05,TO-220F,4P,-,PL            | 1    | SNA |        |
| T0174    | AH97-04103A | ASSY SMD              | HW-C450,SUBWOOFER AMP_SMD,AH94-  | 1    | SNA |        |
| T0268    | 3903-000407 | CBF-POWER CORD        | AT,EU,CP2,HOUSING(2P),250        | 1    | SA  |        |
| T0313    | 3404-001278 | SWITCH-TACT           | 12V DC,50mA,160gf,7.5x10.6x7     | 1    | SNA |        |
| T0568    | 3301-001404 | BEAD-SMD              | 30ohm,2012,TP,15.9OHM/30MHz      | 12   | SA  |        |
| T0568    | 3301-001404 | BEAD-SMD              | 30ohm,2012,TP,15.9OHM/30MHz      | 3    | SA  |        |
| T0900    | 1404-001195 | THERMISTOR-NTC        | 5.1ohm,3.84A,3000K,21mW/C        | 1    | SA  |        |
| TR100B   | 2007-000598 | R-CHIP                | 22ohm,5%,1/4W,TP,3216            | 1    | SNA |        |
| U1502    | 1203-001212 | IC-VOL. DETECTOR      | 7029,SOT-89,3P,-,PLASTI          | 1    | SA  |        |
| U3       | 1203-000119 | IC-NEGA.FIXED REG.    | 7905,TO-220,3P,PLASTI            | 1    | SNA |        |
| UR16     | 2007-000552 | R-CHIP                | 20ohm,5%,1/10W,TP,1608           | 2    | SA  |        |
| VD11     | 0403-001083 | DIODE-ZENER           | UDZSNP9.1B,8.85/9.23V,200mW,     | 1    | SNA |        |
| W390     | 6003-000276 | SCREW-TAPTYPE         | BH,+,-,B,M3,L10,ZPC(WHT),S       | 6    | SA  |        |
| WC31     | 2305-000407 | C-FILM,LEAD-PEF       | 470nF,5%,100V,TP,10.5x6x         | 1    | SA  |        |
| WE08     | 2401-003850 | C-AL                  | 1000UF,20%,50V,WT,TP,12.5 X 25,5 | 2    | SNA |        |
| X202     | 2801-004371 | CRYSTAL-SMD           | 12.288MHz,50ppm,SX-1,18pF,50     | 1    | SNA |        |
| ZPD2     | 0401-001090 | DIODE-SWITCHING       | 1SS355,80V,100mA,SOD-323         | 1    | SC  |        |

| Loc. No. | Part No.    | Description                 | Specification                       | Qty.  | SNA | Remark |
|----------|-------------|-----------------------------|-------------------------------------|-------|-----|--------|
| ZR24     | 2007-000109 | R-CHIP                      | 1Mohm,5%,1/10W,TP,1608              | 2     | SA  |        |
|          | AH68-02276N | LABEL-STICKER POP           | HW-C450/XAA,SEA,HOLOGR              | 1     | SNA |        |
|          | AH90-00362K | ASSY MISC-KITTING AMP       | HW-C450,ELS                         | 1     | SNA |        |
|          | AH97-04102A | ASSY AUTO                   | HW-C450,SUBWOOFER AMP_AUTO,AH9      | 1     | SNA |        |
|          | 2003-002454 | R-METAL OXIDE               | 0.22ohm,5%,1W,AF,TP,3.8x10          | 2     | SA  |        |
|          | 2301-001760 | C-FILM,MPEF                 | 100nF,10%,250V,TP,B5xH13.5x1        | 1     | SNA |        |
|          | 2003-001042 | R-METAL OXIDE(S)            | 5.6Kohm,5%,2W,AF,TP,3.9             | 6     | SA  |        |
|          | 2201-000551 | C-CERAMIC,DISC              | .47nF,10%,1000V,Y5P,6.3x5           | 1     | SNA |        |
|          | 3601-001496 | FUSE-RADIAL LEAD            | 250V,5A,TIME DELAY,RESI             | 1     | SNA |        |
|          | 0403-001062 | DIODE-ZENER                 | UDZSNP4.7B,4.55/4.75V,200mW,        | 2     | SA  |        |
|          | 0403-001483 | DIODE-ZENER                 | UDZS18B,17.56-18.35V,200mW,S        | 3     | SA  |        |
|          | 0501-000150 | TR-SMALL SIGNAL             | 2SA1037,PNP,200mW,SOT-23            | 5     | SA  |        |
|          | 1003-002143 | IC-GATE DRIVER              | IRS2092STRPBF,SOP,16P,9.9           | 1     | SA  |        |
|          | 1204-002969 | IC-MODULATOR                | PS9831,TQFP,100P,14x14mm,PL         | 1     | SNA |        |
|          | 2007-000253 | R-CHIP                      | 1.5ohm,5%,1/4W,TP,3216              | 2     | SA  |        |
|          | 2007-000303 | R-CHIP                      | 10Kohm,5%,1/4W,TP,3216              | 1     | SNA |        |
|          | 2007-000504 | R-CHIP                      | 2.2ohm,5%,1/4W,TP,3216              | 2     | SA  |        |
|          | 2007-000940 | R-CHIP                      | 47Kohm,1%,1/4W,TP,3216              | 1     | SNA |        |
|          | 2007-007065 | R-CHIP                      | 10ohm,5%,1W,TP,6432                 | 1     | SA  |        |
|          | 2007-007790 | R-CHIP                      | 20ohm,1%,1W,TP,6432                 | 4     | SNA |        |
|          | 2402-001166 | C-AL,SMD                    | 22UF,20%,50V,GP,TP,6.3MMX5.4MM      | 1     | SNA |        |
|          | 1203-004364 | IC-VOL. DETECTOR            | RT9818C-42PV,SOT-23,3P,             | 1     | SA  |        |
|          | AH41-01291C | PCB-AMP                     | SWA-5000 AMP PCB,FR-4,2,0,1.2T,1    | 1     | SNA |        |
|          | AH97-04104A | ASSY MANUAL INSERT          | HW-C450,SUBWOOFER AMP               | 1     | SNA |        |
|          | 2301-001730 | C-FILM,MPEF                 | 470nF,10%,275V,BK,11x18x18.5        | 1     | SNA |        |
|          | 2301-001788 | C-FILM,MPEF                 | 220nF,10%,275V,BK,18x7.5x13.        | 1     | SA  |        |
|          | AH26-00372A | TRANS SWITCHING             | ER3541,SWA-5000,PS-WC450            | 1     | SA  |        |
|          | AH26-00373A | TRANS SWITCHING             | EE1614,SWA-5000,PS-WC450            | 1     | SA  |        |
|          | AH62-00233A | HEAT SINK-PART              | HW-C450,AL,4.3,13,50.8              | 1     | SNA |        |
|          | 0502-001176 | TR-POWER                    | KTC2026,NPN,2000mW,TO-220IS,ST,     | 1     | SA  |        |
|          | AH27-00081A | COIL FILTER                 | DBF-16A18(OFC),18.2uH,30mohm        | 1     | SA  |        |
|          | 1405-000152 | VARISTOR                    | 560V,2500A,14x8.5mm,TP              | 1     | SA  |        |
|          | 2201-002070 | C-CERAMIC,DISC              | 1.5nF,20%,400V,Y5U,11x6mm           | 1     | SNA |        |
|          | 0505-001815 | FET-SILICON                 | SPA11N60C3,N,600V,11A,0.38,3        | 1     | SNA |        |
|          | AH97-05318A | ASSY SMD-LED ASSY           | AH94-02478B                         | 1     | SNA |        |
|          | 0201-002248 | ADHESIVE-A.C.F              | SMT-GLUE,HT-130D                    | 0.001 | SNA |        |
|          | AH41-01341A | PCB-LED                     | HW-C450,PHENOL,1,00,1.6T,158*144    | 1     | SNA |        |
|          | AH97-05319A | ASSY MANUAL INSERT-LED ASSY | HW-C450,AH94                        | 1     | SNA |        |
|          | 0202-001768 | SOLDER-BAR                  | HSE-16,S60S-20,D3,SN/0.5CU/0.       | 0.329 | SNA |        |
|          | 0204-002514 | THINNER                     | TS4500,OXIGEN,NO,13.15KG,14KG/BO    | 0.155 | SNA |        |
|          | 0204-002606 | FLUX                        | LF-715K,OXIGEN,NO,16000L,14%,16kg,G | 0.063 | SNA |        |
|          | AH96-00617B | ASSY SPEAKER P-SYSTEM       | HW-C470,SUBWOOFER,                  | 1     | SNA |        |