

| N.O | Part Number | Component | Qty | Location | Parameter | Vender PN | Manufacture | Manufacture | Manufacture |
|-----|--------------|------------|-----|-------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------|-------------|-------------|-------------|
| TOP | | | | | | | | | |
| 1 | 310000400583 | ESD | 3 | D1,D2,D22 | 0.38mm,0.4pf , contact±12kv , | DF2B6.8M1ACT | TOSHIBA | Outsourcing | SS-00259 |
| | 310000400581 | | | | | ESD9N5BU-2/TR | Willsemi | Outsourcing | SS-00259 |
| 2 | 312000100317 | Inductance | 4 | L1,L4,L5,L6 | 2.2uH,20%,2.5mm×2.0mm | 1239AS-H-2R2M=P2 | Toko | Outsourcing | SS-00259 |
| | 312000100805 | | | | | LVF252A12-2R2M-N | Chilisin | Outsourcing | SS-00259 |
| 3 | 315001500015 | Reset IC | 1 | U6 | 2.63V reset SOT-23 | SGM803-RXN3L/TR | SGMICRO | Outsourcing | SS-00259 |
| 4 | 315000301059 | DC/DC | 1 | U7 | IN:2.7-6V,SOT23-8,1A | MP2149GJ-Z | MPS | Outsourcing | SS-00259 |
| 6 | 315000300514 | DC/DC | 1 | U2 | IN:2.5-5.5V,SOT23-5 | SY8088AAC | Silergy | Outsourcing | SS-00259 |
| 7 | 315000301192 | DC/DC | 1 | U3 | 5.5V, 2A continuous,SOT23-5 | SY8089AAC | Silergy | Outsourcing | SS-00259 |
| 8 | 311000100049 | Capacitor | 26 | C9,C16,C17,C20,C21,C22,C26,C36,C37,C39,C40,C42,C43,C47,C48,C49,C52,C57,C58,C59,C60,C145,C149,C150,C151,C152 | 0.1uF,±10%,6.3V,0201 | GRM033R60J104KE19D | Murata | Outsourcing | SS-00259 |
| | 311000101083 | | | | | 0201X104K6R3CT | Walsin | Outsourcing | SS-00259 |
| 9 | 311000100017 | Capacitor | 2 | C85,C86 | 100nF,20%,10V,0201,X5R | GRM033R61A104KE15D | Murata | Outsourcing | SS-00259 |
| | 311000101071 | | | | | 0201X104K100CT | Walsin | Outsourcing | SS-00259 |
| 10 | 311000300230 | Capacitor | 8 | C2,C3,C7,C14,C18,C24,C46,C144 | 22u,20%,6.3V,0603 | GRM188R60J226MEA0D | Murata | Outsourcing | SS-00259 |
| | 311000300811 | | | | | JMK107BBJ226MA-T | Taiyo | Outsourcing | SS-00259 |
| 11 | 311000300805 | Capacitor | 3 | C1,C12,C56 | 22u,20%,10V,0603 | GRM188R61A226ME15D | Murata | Outsourcing | SS-00259 |
| | 311000300899 | | | | | 0603X226M100CT | Walsin | Outsourcing | SS-00259 |
| 12 | 311000200532 | Capacitor | 2 | C41,C45 | 10uF,+/-20%,6.3V,0402,X5R | GRM155R60J106ME44D | Murata | Outsourcing | SS-00259 |
| | 311000200533 | | | | | JMK105CBJ106MV-F | Taiyo | Outsourcing | SS-00259 |
| 13 | 311000201356 | Capacitor | 1 | C87 | 10uF,±20%,10V,0402 | LDK105CBJ106M VLF | Taiyo | Outsourcing | SS-00259 |
| | 311000201586 | | | | | GRM155R61A106ME11D | Murata | Outsourcing | SS-00259 |
| 14 | 311000100173 | Capacitor | 12 | C19,C23,C25,C27,C28,C29,C30,C31,C35,C54,C70,C88 | 1uF,±20%,6.3v,0201 | GRM033R60J105MEA2D | Murata | Outsourcing | SS-00259 |
| | 311000100207 | | | | | JMK063ABJ105MP-F | Taiyo | Outsourcing | SS-00259 |
| 15 | 311000100192 | Capacitor | 2 | C6,C38 | 27pF,±5%,25V,0201,C0G | GRM0335C1E270JA01D | Murata | Outsourcing | SS-00259 |
| | 311000101099 | | | | | 0201N270J250CT | Walsin | Outsourcing | SS-00259 |
| 16 | 311000201235 | Capacitor | 2 | C4,C62 | 4.7uF,±20%,6.3V,0402 | JMK105BBJ475MV-F | Taiyo | Outsourcing | SS-00259 |
| | 311000200483 | | | | | GRM155R60J475ME87D | Murata | Outsourcing | SS-00259 |
| 17 | 311000100047 | Capacitor | 1 | C5 | 10n,±10%,10.0201,X5R | GRM033R61A103KA01D | Murata | Outsourcing | SS-00259 |
| | 311000101093 | | | | | 0201X103K100CT | Walsin | Outsourcing | SS-00259 |
| 18 | 311000100090 | Capacitor | 3 | C33,C44,C84 | 1n,±10%,25.0201,X7R | GRM033R71E102KA01D | Murata | Outsourcing | SS-00259 |
| | 311000101040 | | | | | 0201B102K250CT | Walsin | Outsourcing | SS-00259 |
| 19 | 313000100022 | Resistor | 1 | R40 | 0R,±1%,0201,1/20W | RM02FTN0 | TA-I | Outsourcing | SS-00259 |
| | 313000101392 | | | | | WR02X000 PAL | walsin | Outsourcing | SS-00259 |
| 20 | 313000100172 | Resistor | 3 | R26,R42,R43 | 100k,±1%,0201,1/20 | RM02FTN1003 | TA-I | Outsourcing | SS-00259 |
| | 313000101354 | | | | | WR02X1003FAL | walsin | Outsourcing | SS-00259 |
| 21 | 313000100009 | Resistor | 3 | R28,R31,R37 | 10K,±5%,0201,1/20W | RM02JTN103 | TA-I | Outsourcing | SS-00259 |
| | 313000101389 | | | | | WR02X103 JAL | walsin | Outsourcing | SS-00259 |
| 22 | 313000101187 | Resistor | 2 | R3,R44 | 120K,+/-1%,0201,1/20w | RM02FTN1203 | TA-I | Outsourcing | SS-00259 |
| | 313000101489 | | | | | WR02X1203FAL | walsin | Outsourcing | SS-00259 |
| 23 | 313000100015 | Resistor | 1 | R2 | 150K,±1%,0201,1/20W | RM02FTN1503 | TA-I | Outsourcing | SS-00259 |
| | 313000101488 | | | | | WR02X1503FAL | walsin | Outsourcing | SS-00259 |
| 24 | 313000100258 | Resistor | 1 | R6 | 182K,1%,0201,1/20W | RM02FTN1823 | TA-I | Outsourcing | SS-00259 |
| | 313000101490 | | | | | WR02X1823FAL | walsin | Outsourcing | SS-00259 |

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| 25 | 313000100168 | Resistor | 1 | R41 | 1M,±1%,0201,1/20W | RM02FTN1004 | TA-I | Outsourcing | SS-00259 |
| | 313000101451 | | | | | WR02X1004FAL | walsin | Outsourcing | SS-00259 |
| 26 | 313000101028 | Resistor | 1 | R5 | 22K,1%,0201,1/20w | RM02FTN2202 | TA-I | Outsourcing | SS-00259 |
| | 313000101422 | | | | | WR02X2202FAL | walsin | Outsourcing | SS-00259 |
| 27 | 313000101247 | Resistor | 1 | R16 | 412K,1%,0201,1/20W | RM02FTN4123 | TA-I | Outsourcing | SS-00259 |
| | 313000101491 | | | | | WR02X4123FAL | walsin | Outsourcing | SS-00259 |
| 28 | 313000100997 | Resistor | 2 | R4,R13 | 806K,±1%,0201,1/20w | RM02FTN8063 | TA-I | Outsourcing | SS-00259 |
| | 313000101492 | | | | | WR02X8063FAL | walsin | Outsourcing | SS-00259 |
| 29 | 313000100155 | Resistor | 1 | R27 | 100R,±1%,0201,1/20W | RM02FTN1000 | TA-I | Outsourcing | SS-00259 |
| | 313000101405 | | | | | WR02X1000FAL | walsin | Outsourcing | SS-00259 |
| 30 | 313000100024 | Resistor | 7 | R24,R25,R29,R30,R33,R34,R73 | 1K,±1%,0201,1/20W | RM02FTN1001 | TA-I | Outsourcing | SS-00259 |
| | 313000100123 | | | | | WR02X1001FAL | walsin | Outsourcing | SS-00259 |
| 31 | 313000101249 | Resistor | 1 | R75 | 180,1%,0201,1/20w | RM02FTN1800 | TA-I | Outsourcing | SS-00259 |
| | 313000101487 | | | | | WR02X1800FAL | walsin | Outsourcing | SS-00259 |
| 32 | 313000101205 | Resistor | 2 | R32,R38 | 240ohm,1%,0201,1/20W | RM02FTN2400 | TA-I | Outsourcing | SS-00259 |
| | 313000101441 | | | | | WR02X2400FAL | walsin | Outsourcing | SS-00259 |
| 33 | 317000201773 | BTB Connector | 1 | J1 | 30pin | DF40HC(3.0)-30DS-0.4V(51) | HRS | Outsourcing | SS-00259 |
| 34 | 310000500079 | Transistor | 1 | Q4 | double 10K resistor NPN | KRC402-RTK/P | KEC | Outsourcing | SS-00260 |
| | 310000500647 | | | | | DTC114EUA | JCST | Outsourcing | SS-00259 |
| 35 | 313000100179 | Resistor | 1 | R118 | 220R,±5%,0201,1/20W | RM02JTN221 | TA-I | Outsourcing | SS-00259 |
| | 313000101356 | | | | | WR02X221 JAL | walsin | Outsourcing | SS-00259 |
| 37 | 310000600121 | Blue LED | 1 | D40 | Blue,1.65×1.15×0.6mm | LTST-S270TBKT-5A | LITEON | Outsourcing | SS-00259 |
| 38 | 313000300036 | Resistor | 5 | R1,R7,R8,R9,R10 | 0R,±5%,0603,1/10W | RM06JTN0 | TA-I | Outsourcing | SS-00259 |
| | 313000300925 | | | | | WR06X000 PTL | Walsin | Outsourcing | SS-00259 |
| 39 | 317000100081 | USB Plug | 1 | J3 | USB A Plug | CUS514K42910 | 仕昌 | Outsourcing | SS-00259 |
| | 317000100121 | | | | | USB-MA14H01 | Sanwin | Outsourcing | SS-00259 |
| 40 | 309000117997R6 | PCB | 1 | | 15.7*41*1mm,FR-4,6Layer,HD | | | Outsourcing | SS-00259 |
| Bottom | | | | | | | | | |
| 1 | 311000101088 | Capacitor | 2 | C32,C34 | 18pF,±5%,25V,0201 | 0201N180J250CT | Walsin | Outsourcing | SS-00259 |
| | 311000100211 | | | | | GRM0335C1E180JA01D | Murata | Outsourcing | SS-00259 |
| 2 | 311000100173 | Capacitor | 1 | C61 | 1uF,±20%,6.3v,0201 | GRM033R60J105MEA2D | Murata | Outsourcing | SS-00259 |
| | 311000100207 | | | | | JMK063ABJ105MP-F | Taiyo | Outsourcing | SS-00259 |
| 3 | 313000101248 | Resistor | 1 | R35 | 150R,±1%,0201,1/20w | RM02FTN1500 | TA-I | Outsourcing | SS-00259 |
| | 313000101486 | | | | | WR02X1500FAL | Walsin | Outsourcing | SS-00259 |
| 4 | 313000101205 | Resistor | 1 | R36 | 240ohm,1%,0201,1/20W | RM02FTN2400 | TA-I | Outsourcing | SS-00259 |
| | 313000101441 | | | | | WR02X2400FAL | Walsin | Outsourcing | SS-00259 |
| 5 | 313000100009 | Resistor | 2 | R39,R47 | 10K,±5%,0201,1/20W | RM02JTN103 | TA-I | Outsourcing | SS-00259 |
| | 313000101389 | | | | | WR02X103 JAL | Walsin | Outsourcing | SS-00259 |
| 6 | 313000100074 | Resistor | 1 | R132 | 470k,±1%,0201,1/20W | RM02FTN4703 | TA-I | Outsourcing | SS-00259 |
| | 313000101485 | | | | | WR02X4703FAL | Walsin | Outsourcing | SS-00259 |
| 8 | 315000700514 | SOC | 1 | U1 | LFBGA 12*12mm 306ball | S805 | Amlgic | Outsourcing | SS-00259 |
| 9 | 315000200226 | DDR3L | 1 | U8 | 2Gb,1.35V,96-Ball FBGA | MT41K128M16JT-125:K | Micron | Outsourcing | SS-00259 |
| | 315000200829 | | | | | NT5CC128M16IP-DI | Nanya | Outsourcing | SS-00259 |
| 10 | 318000200798 | X'TAL | 1 | X1 | 24MHZ,20PF,10PPM 3225 | E3SB24E00003HE | HOSONIC | Outsourcing | SS-00259 |
| | 318000200790 | | | | | X3203012424000A | Dynamic | Outsourcing | SS-00259 |

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| 11 | 313000200073 | Resister | 2 | R12,R14 | 0R,±5%,0402,1/16W | RM04JTN0 | TA-I | Outsourcing | SS-00259 |
| | WR04X000 PTL | | | | | Walsin | Outsourcing | SS-00259 | |

| N.O | Part Number | Component | Qty | Location | Parameter | Vender PN | Manufacture | Attribute | Environmental |
|---------------|--------------------|--------------|-----|---------------------|----------------------------------|---------------------|--------------|--------------|---------------|
| TOP | | | | | | | | | |
| 1 | 316000300048 | Antenna | 2 | ANT3,ANT4 | 2.45GHz , 2012 , SMT | RANT1F2012ACMA00A4 | 台庆科技 | Outso urcing | SS-00259 |
| 2 | 311000201235 | Capactor | 1 | C63 | 4.7uF ,±20% ,6.3V,0402 | JMK105BBJ475MV-F | Taiyo | Outso urcing | SS-00259 |
| | GRM156R60J475ME87D | | | | | Murata | Outso urcing | SS-00259 | |
| 3 | 311000100049 | Capactor | 5 | C64,C65,C66,C67,C68 | 0.1uF ,±10% ,6.3V,0201 | GRM033R60J104KE19D | Murata | Outso urcing | SS-00259 |
| | 0201X104K6R3CT | | | | | Walsin | Outso urcing | SS-00259 | |
| 4 | 311000100209 | Capactor | 3 | C135,C138,C141 | 8P2,±0.5p,25V,0201,NPO | GRM0335C1E8R2DA01D | MURATA | Outso urcing | SS-00259 |
| | 0201N8R2D250CT | | | | | Walsin | Outso urcing | SS-00259 | |
| 5 | 311000100074 | Capactor | 2 | C137,C140 | 10pF,±5%,25V,0201,COG | 0201N100J250CT | Walsin | Outso urcing | SS-00259 |
| 6 | 312000100269 | Inductance | 1 | L7 | 0402,1.2nH,±0.1nH,390mA | LQP15MN1N2B02D | Murata | Outso urcing | SS-00259 |
| 7 | 313000100011 | Resistor | 1 | R45 | 47K,±5%,0201,1/20W | RM02JTN473 | TA-I | Outso urcing | SS-00259 |
| | WR02X473 JAL | | | | | WALSIN | Outso urcing | SS-00259 | |
| 8 | 315000200842 | NAND Flash | 1 | U10 | 2Gb,3.3V,T SOP-48 | TC58NVG1S3HTA00 | TO SHIBA | Outso urcing | SS-00259 |
| | W29N02GV5IAA | | | | | Winbond | Outso urcing | SS-00259 | |
| 9 | 318000700132 | RF Switch | 1 | U26 | SOT363 | HWS408 | HexaWave | Outso urcing | SS-00259 |
| | RTC6603 SP | | | | | RichWave | Outso urcing | SS-00259 | |
| 10 | 313000200073 | Resister | 1 | R9 | 0R,±5%,0402,1/16W | RM04JTN0 | TA-I | Outso urcing | SS-00259 |
| | WR04X000 PTL | | | | | Walsin | Outso urcing | SS-00259 | |
| 11 | 309000117998R6 | PCB | 1 | | 17.4'29'1mm,FR-4,4 Layer,全通孔 | | | Outso urcing | SS-00259 |
| Bottom | | | | | | | | | |
| 1 | 315000900049 | RF Codec | 1 | U24 | 2.4G RF IC , USB,QFN48 | AV6351 | AVNERA | Outso urcing | SS-00259 |
| 2 | 316000100004 | BALUN FILTER | 1 | U5 | 2.4G Balun | LFB212G45BA1A220 | Murata | Outso urcing | SS-00259 |
| 3 | 315000200246 | EEPROM | 1 | U23 | 128K-bits MSOP8 | FT24C128A-UMG-T | FMD | Outso urcing | SS-00259 |
| | 315000200237 | | | | | FM24C128A-MS-T-G | 复旦微 | Outso urcing | SS-00259 |
| 4 | 310000400883 | ESD | 1 | D3 | 0.38mm,0.4pf , contact±12kv , al | DF2B6.8M1ACT | TO SHIBA | Outso urcing | SS-00259 |
| | 310000400581 | | | | | ESD9N5BU-2/TR | Willsemi | Outso urcing | SS-00259 |
| 5 | 311000100049 | Capactor | 8 | C120,C121,C122,C123 | 0.1uF ,±10% ,6.3V,0201 | GRM033R60J104KE19D | Murata | Outso urcing | SS-00259 |
| | 311000101083 | | | | | 0201X104K6R3CT | Walsin | Outso urcing | SS-00259 |
| 6 | 311000100017 | Capactor | 3 | C130,C132,C133 | 100nF,20%,10V,0201,X5R | GRM033R61A104KE15D | Murata | Outso urcing | SS-00259 |
| | 311000101071 | | | | | 0201X104K100CT | Walsin | Outso urcing | SS-00259 |
| 7 | 311000100171 | Capactor | 1 | C126 | 220nF,±20%,6V3,0201,X5R | GRM033R60J22ME15D | Murata | Outso urcing | SS-00259 |
| | 311000101097 | | | | | 0201X224M6R3CT | Walsin | Outso urcing | SS-00259 |
| 8 | 311000100767 | Capactor | 1 | C131 | 2.2uF,20%,6.3v,0201,X5R | CM03X5R225M06AH | KYOCERA | Outso urcing | SS-00259 |
| | 311000100856 | | | | | GRM033R60J22ME47D | Murata | Outso urcing | SS-00259 |
| 9 | 311000101132 | Capactor | 1 | C136 | 470p,±10%,25,0201,COG | 0201X225M6R3CT | Walsin | Outso urcing | SS-00259 |
| | 311000100029 | | | | | GRM033R71E471KA01D | Murata | Outso urcing | SS-00259 |
| 10 | 311000101134 | Capactor | 2 | C124,C125 | 9p,±0.5p,25,0201,COG | 0201B471K250CT | Walsin | Outso urcing | SS-00259 |
| | 311000201356 | | | | | GRM0335C1E9R0CA01D | Murata | Outso urcing | SS-00259 |
| 11 | 311000201269 | Capactor | 1 | C128 | 10uF,±20%,10V,0402 | 0201N9R0C250CT | Walsin | Outso urcing | SS-00259 |
| | 310000700025 | | | | | LDK105CBJ106MVLV | Taiyo | Outso urcing | SS-00259 |
| 12 | 310000700056 | PMOS | 1 | Q5 | SOT-23 PMOS | CL05A106MP5NUNC | SAMSUNG | Outso urcing | SS-00259 |
| | 310000500079 | | | | | LP2307LT1G | LRC | Outso urcing | SS-00259 |
| 13 | 310000500647 | Transistor | 1 | Q6 | double 10K resistor NPN | CJ3401 | JCST | Outso urcing | SS-00259 |
| | 313000100022 | | | | | KRC402-RTK/P | KEC | Outso urcing | SS-00259 |
| 14 | 313000101392 | Resistor | 1 | R124 | 0R,±1%,0201,1/20W | DTC114EUA | JCST | Outso urcing | SS-00259 |
| | 313000202570 | | | | | RM02FTN0 | TA-I | Outso urcing | SS-00259 |
| 16 | 313000200103 | Resistor | 2 | R116,R117 | 22R,±5%,0402,1/20W | WR02X000PAL | WALSIN | Outso urcing | SS-00259 |
| | 313000101251 | | | | | RM04JTN220 | TA-I | Outso urcing | SS-00259 |
| 17 | 313000101484 | Resistor | 1 | R123 | 24.9K,1%,0201,1/20W | WR04X220 JAL | WALSIN | Outso urcing | SS-00259 |
| | 313000100007 | | | | | RM02FTN2492 | TA-I | Outso urcing | SS-00259 |
| 18 | 313000101388 | Resistor | 2 | R119,R120 | 4K7,±5%,0201,1/20W | WR02X2492FAL | WALSIN | Outso urcing | SS-00259 |
| | 313000101250 | | | | | RM02JTN472 | TA-I | Outso urcing | SS-00259 |
| 19 | 313000101383 | Resistor | 1 | R121 | 63.4K,1%,0201,1/20W | WR02X472JAL | WALSIN | Outso urcing | SS-00259 |
| | 318000700117 | | | | | RM02FTN6342 | TA-I | Outso urcing | SS-00259 |
| 20 | 318000200095 | switch | 1 | SW3 | Tact Switch , 4.6×3.4×1.85mm | RMCI/20-6342FPA | ka maya | Outso urcing | SS-00259 |
| | 318000200820 | | | | | TSMD-251211-160 | SANWIN | Outso urcing | SS-00259 |
| 21 | 317000100840 | XTAL | 1 | X2 | 16M , 3225 | 7V16000001 | TXC | Outso urcing | SS-00259 |
| | 313000200073 | | | | | E3FB16E000001E | Hosonic | Outso urcing | SS-00259 |
| 22 | 313000202469 | Resister | 3 | R1,R2,R3 | 0R,±5%,0402,1/16W | DF40C-30DP-0.4V(51) | HRS | Outso urcing | SS-00259 |
| | 313000200073 | | | | | RM04JTN0 | TA-I | Outso urcing | SS-00259 |
| 23 | 313000202469 | Resister | 3 | | | WR04X000 PTL | Walsin | Outso urcing | SS-00259 |