

Item Number	Item Description	Ref Des	Qty
101-00005-00	RES, 0R, 1/8W, +/-5%, SMD 0805	R300, R301, R310	3
101-00014-00	RES, 100R, 1/10W, +/-1%, SMD 0603	R217	1
101-00025-00	RES, 15K, 1/10W, +/-1%, SMD 0603	R413	1
101-00045-00	RES, 20R, 1/4W, +/-1%, SMD 1206	R204, R207	2
101-00070-00	RES, 49.9K, 1/10W, +/-1%, SMD 0603	R400	1
101-00141-00	RES, 75R, 1/10W, +/-1%, SMD 0603	R1116, R1121, R1122, R1123, R1137, R1139, R1140, R1141	8
101-00158-00	RES, 5.1R, 1/10W, +/-1%, SMD 0603	R210	1
101-00160-00	RES, 6.8K, 1/10W, +/-1%, SMD 0603	R212	1
101-00184-00	RES, 0.1R, 1/8W, +/-1%, SMD 0805	R214, R234	2
101-00213-00	RES, 10K, 1/16W, +/-1%, SMD 0402	R213, R1432	2
101-00216-00	RES, 0R, 1/16W, +/-5%, SMD 0402	R807, R936, R937, R1108, R1112, R1125, R1129	7
101-00232-00	RES, 1K, 1/16W, +/-1%, SMD 0402	R315, R405	2
101-00249-00	RES, 82K, 1/10W, +/-1%, SMD 0603	R336	1
101-00263-00	RES, 4.7K, 1/16W, +/-1%, SMD 0402	R306, R805, R822, R823, R824, R900, R902, R903, R933, R1431	10
101-00281-00	RES, 2.49K, 1/16W, +/-1%, SMD 0402	R813	1
101-00289-00	RES, 75R, 1/16W, +/-1%, SMD 0402	R833, R836	2
101-00290-00	RES, 300R, 1/16W, +/-1%, SMD 0402	R814, R815, R816, R1439, R1440, R1441, R1442, R1443, R1444	9
101-00298-00	RES, 1.5K, 1/16W, +/-1%, SMD 0402	R1107	1
101-00314-00	RES, 2.2R, 1/16W, +/-1%, SMD 0402	R1102, R1104, R1105, R1106, R1109, R1114, R1119, R1126, R1132, R1133, R1134, R1135, R1136, R1138, R1142, R1143	16
101-00315-00	RES, 100K, 1/16W, +/-1%, SMD 0402	R216, R302, R309, R311, R333, R401, R412, R414	8
101-00326-00	RES, 110K, 1/16W, +/-1%, SMD 0402	R415, R416	2
101-00336-00	RES, 200K, 1/16W, +/-1%, SMD 0402	R417	1
101-00339-00	RES, 2K, 1/16W, +/-1%, SMD 0402	R323	1
101-00342-00	RES, 1M, 1/16W, +/-1%, SMD 0402	R208	1
101-00349-00	RES, 2.4K, 1/16W, +/-1%, SMD 0402	R1100	1
101-00357-00	RES, 200R, 1/16W, +/-1%, SMD 0402	R819, R820, R821	3
101-00358-00	RES, 20K, 1/16W, +/-1%, SMD 0402	R218	1
101-00359-00	RES, 24.9K, 1/16W, +/-1%, SMD 0402	R201	1
101-00363-00	RES, 37.4K, 1/16W, +/-1%, SMD 0402	R305, R314, R316	3
101-00366-00	RES, 40.2K, 1/16W, +/-1%, SMD 0402	R324, R325, R404, R407	4
101-00368-00	RES, 47K, 1/16W, +/-1%, SMD 0402	R313, R410	2
101-00371-00	RES, 56K, 1/16W, +/-1%, SMD 0402	R335	1
101-00372-00	RES, 6.49K, 1/16W, +/-1%, SMD 0402	R307	1

101-00378-00	RES, 750R, 1/4W, +/-1%, SMD, 1206	R205, R206	2
101-00393-00	RES, 12.1K, 1/16W, +/-1%, SMD 0402	R308, R317	2
101-00398-00	RES, 249K, 1/16W, +/-1%, SMD 0402	R402	1
101-00404-00	RES, 10R, 1/10W, +/-1%, SMD 0402	R312	1
101-00405-00	RES, 0R, 1/20W, +/-1%, SMD 0201	L1403, L1404, L1412, L1413, L1419, L1420, L1425, L1426, L1430, L1431, R600, R601, R602, R603, R604, R605, R606, R607, R608, R609, R610, R611, R612, R613, R615, R617, R618, R809, R827, R849, R850, R1101, R1113, R1118, R1200, R1201, R1202, R1203, R1204, R1205, R1206, R1207, R1208, R1209, R1210, R1211, R1212, R1213, R1214, R1219, R1220, R1221, R1222, R1223, R1224, R1225, R1227, R1228, R1229, R1300, R1301, R1302, R1303, R1304, R1305, R1306, R1307, R1308, R1309, R1310, R1313, R1316, R1317, R1318, R1319, R1320, R1321, R1322, R1323, R1324, R1401, R1402, R1406, R1408, R1409, R1413, R1414, R1416, R1417, R1421, R1422, R1424, R1425	94
101-00406-00	RES, 10K, 1/20W, +/-1%, SMD 0201	R1110, R1111, R1115, R1117, R1120, R1124, R1127, R1128, R1130, R1131, R1217, R1218, R1312, R1314	14
101-00407-00	RES, 100K, 1/20W, +/-1%, SMD 0201	R851	1
101-00413-00	RES, 120K, 1/16W, +/-1%, SMD 0402	R318, R319	2
101-00422-00	RES, 1K, 1/20W, +/-1% SMD 0201	R614, R616, R1006, R1007, R1008, R1009	6
101-00437-00	RES, 4.7K, 1/20W, +/-1% SMD 0201	R800, R801, R802, R803, R804, R812, R825, R826, R830, R831, R834, R835, R837, R838, R905, R907, R908, R911, R914, R915, R918, R920, R922, R924, R927, R929, R932, R935, R1001, R1002, R1003, R1004, R1005, R1226,	35
101-00438-00	RES, 20K, 1/4W, +/-1%, SMD 1206	R202, R203	2
101-00442-00	RES, 240R, 1/20W, +/-1%, SMD 0201	R1023, R1033	2
101-00444-00	RES, 100R, 1/20W, +/-1%, SMD 0201	R839, R840, R1000	3
101-00484-00	RES, 24K, 1/16W, +/-1%, SMD 0402	R326, R408, R409, R411	4
101-00518-00	RES, 28.7R, 1/10W, +/-1%, SMD 0603	R209	1
101-00519-00	RES, 51K, 1/16W, +/-1%, SMD 0402	R322, R403, R406	3
101-00524-00	RES, 60.4R, 1/20W, +/-1%, SMD 0201	R1010, R1011, R1012, R1013, R1014, R1015, R1016, R1017, R1018, R1019, R1020, R1021, R1022, R1024, R1025, R1026, R1027, R1028, R1029, R1030, R1031, R1032, R1034, R1035, R1036	25
101-00525-00	RES, 37.4R, 1/20W, +/-1%, SMD 0201	R1403, R1410	2
101-00526-00	RES, 150R, 1/20W, +/-1%, SMD 0201	R1404, R1405, R1411, R1412	4
101-00527-00	RES, 93.1R, 1/20W, +/-1%, SMD 0201	R1418, R1426	2
101-00528-00	RES, 82.5R, 1/20W, +/-1%, SMD 0201	R1419, R1420, R1427, R1428	4
102-00002-00	CAP, 100nF, 50V, +/-10%, X7R, SMD 0603	C1152, C1153, C1154, C1155	4
102-00017-00	CAP, 220nF, 100V, +/-10%, X7R, SMD 1206	C203	1

102-00027-00	CAP, 33pF, 50V, +/-5%, COG, SMD 0402	C400, C428, C1404, C1421	4
102-00065-00	CAP, 10uF, 16V, +/-10%, X5R, SMD 1206	C302, C304, C315, C316, C331, C334, C366	7
102-00089-00	CAP, 47uF, 63V, +/-20%, AL, LOW ESR, THR 8*11.5mm	C204	1
102-00092-00	CAP, 1000pF, 2KV, +/-10%, X7R, SMD 1206	C221, C222, C1159, C1166, C1167, C1168, C1169	7
102-00136-00	CAP, 120pF, 200V, +/-5%, NPO, SMD 0603	C214	1
102-00137-00	CAP, 330pF, 200V, +/-5%, NPO, SMD 0603	C205	1
102-00144-00	CAP, 220pF, 50V, +/-5%, COG, SMD 0402	C219	1
102-00146-00	CAP, 10uF, 6.3V, +/-20%, X5R, SMD 0603	C401, C407, C412, C418, C424, C429, C634, C640, C651, C660, C662, C669, C675, C680, C685, C698, C1020, C1147, C1228, C1232, C1236	21
102-00152-00	CAP, 1uF, 6.3V, +/-10%, X5R, SMD 0402	C328, C345, C1101, C1148	4
102-00154-00	CAP, 10pF, 50V, +/-5%, COG, SMD 0402	C301, C320, C335, C369, C380, C381, C439, C440	8
102-00164-00	CAP, 2.2uF, 6.3V, +/-20%, X5R, SMD 0402	C601, C605, C612, C615, C618, C624, C630, C653, C903, C1207, C1210, C1213, C1217, C1305, C1319, C1323, C1329, C1330, C1334, C1338, C1344	21
102-00168-00	CAP, 10nF, 50V, +/-10%, X7R, SMD 0402	C217, C309, C312, C322, C327, C339, C342, C373, C405, C411, C416, C422, C434, C438	14
102-00192-00	CAP, 33nF, 10V, +/-10%, X5R, SMD 0402	C427	1
102-00195-00	CAP, 22uF, 6.3V, +80%, -20%, X5R, SMD 0603	C306, C307, C310, C313, C321, C324, C326, C329, C336, C337, C340, C344, C350, C357, C360, C362, C370, C371, C375, C376, C403, C409, C414, C420, C432, C433, C435, C436, C632, C692, C1100, C1105, C1312	33
102-00208-00	CAP, 1000pF, 25V, +/-10%, X7R, SMD 0201	C1114, C1400, C1407, C1416, C1425, C1431, C1453	7
102-00209-00	CAP, 10nF, 10V, +/-10%, X7R, SMD 0201	C1202, C1208, C1209, C1230, C1231, C1238, C1239, C1251, C1252, C1301, C1303, C1321, C1332, C1333, C1340, C1341, C1355, C1356	18
102-00210-00	CAP, 100nF, 6.3V, +/-10%, X5R, SMD 0201	C351, C358, C361, C363, C377, C600, C604, C606, C607, C608, C611, C613, C614, C616, C617, C619, C620, C625, C626, C628, C629, C631, C633, C635, C636, C637, C638, C639, C641, C642, C643, C644, C645, C646, C647, C648, C649, C650, C652, C654, C655, C656, C657, C658, C659, C661, C663, C664, C665, C666, C667, C668, C670, C671, C672, C673, C674, C676, C677, C678, C679, C681, C682, C683, C684, C686, C687, C688, C689, C690, C691, C693, C694, C695, C696, C697, C699, C700, C701, C702, C703, C704, C705, C706, C801, C802, C900, C901, C902, C904, C905, C1000, C1001, C1002, C1003, C1004, C1005, C1006, C1007, C1008, C1009, C1010, C1011, C1012, C1013, C1014, C1015, C1016, C1017, C1018, C1019, C1021, C1022, C1023, C1024, C1025, C1102, C1103, C1104, C1106, C1107, C1108, C1109, C1110, C1112, C1113, C1115, C1116, C1117, C1118, C1119, C1121, C1122, C1123, C1124, C1125, C1126, C1127, C1128, C1130, C1131, C1132, C1133, C1134, C1136, C1137, C1138, C1139, C1140, C1141, C1142, C1143, C1146, C1156, C1158, C1161, C1201, C1205, C1206, C1211, C1215, C1218, C1225, C1229, C1232	188

102-00212-00	CAP, 1.2pF, 50V, +/-0.25pF, NPO, SMD 0201	C1403, C1413, C1415, C1427	4
102-00218-00	CAP, 8.2pF, 50V, +/-0.25p, COG, SMD 0201	C1304, C1327	2
102-00224-00	CAP, 470nF, 10V, +/-10%, X5R, SMD 0402	C343	1
102-00225-00	CAP, 47nF, 50V, +/-10%, X7R, SMD 0402	C406	1
102-00244-00	CAP, 0.2pF, 50V, +/-0.1pF, COG, SMD 0201	C1468	1
102-00245-00	CAP, 0.4pF, 25V, +/-0.1PF, COG/NPO, SMD 0201	C1430, C1447	2
102-00247-00	CAP, 0.6pF, 25V, +/-0.1PF, COG/NPO, SMD 0201	C1433, C1446, C1467	3
102-00250-00	CAP, 100pF, 50V, +/-10%, X7R, SMD 0201	C1435, C1457	2
102-00251-00	CAP, 1pF, 25V, +/-0.25pF, COG, SMD 0201	C1432	1
102-00252-00	CAP, 1.5pF, 25V, +/-0.25pF, COG, SMD 0201	C1245, C1454, C1466	3
102-00257-00	CAP, 10pF, 25V, +/-5%, COG/NPO, SMD 0201	C602, C1200, C1212, C1214, C1216, C1219, C1222, C1223, C1224, C1234, C1235, C1242, C1257, C1300, C1307, C1308, C1314, C1322, C1324, C1325, C1336, C1337, C1346, C1349, C1351, C1353, C1358, C1402, C1408, C1412, C1414, C1417, C1424, C1428, C1429, C1441, C1450, C1451, C1461, C1472,	41
102-00258-00	CAP, 100pF, 25V, +/-10%, X7R, SMD 0201	C1405, C1419	2
102-00260-00	CAP, 1uF, 6.3V, +/-20%, X5R, SMD 0201	C603, C610, C622, C803, C1120, C1129, C1135, C1160, C1203, C1204, C1302, C1320, C1347	13
102-00261-00	CAP, HIGH Q, 0.3pF, 25V, +/-0.1pF, COG/NPO, SMD 0201	C1452, L1406, L1417, L1421, L1427	5
102-00272-00	CAP, 100nF, 16V, +/-10%, X7R, SMD 0402	C210, C211, C300, C303, C305, C308, C311, C317, C318, C323, C325, C330, C332, C333, C338, C341, C367, C368, C372, C402, C404, C408, C410, C413, C415, C419, C421, C425, C426, C430, C437, C1145, C1149, C1151, C1157, C1162, C1163, C1164, C1165	39
102-00273-00	CAP, 1uF, 16V, +/-10%, X5R, SMD 0603	C212, C215, C220	3
102-00277-00	CAP, 4.7uF, 6.3V, +/-20%, X5R, SMD 0603	C609, C621, C623, C627, C1111, C1150, C1240, C1243, C1401, C1418, C1434, C1456	12
102-00280-00	CAP, 47uF, 16V, +/-10%, X5R, SMD 1210	C208, C209	2
102-00285-00	CAP, 10uF, 100V, +/-20%, AL, LOW ESR, 6000Hr, THR	C202	1
102-00294-00	CAP, 0.8pF, 50V, +/-0.1pF, COG, SMD 0201	C1445, C1455	2
102-00313-00	CAP, 100nF, 100V, +/-10%, X7R, SMD 0805	C201, C206	2
102-00322-00	CAP, 1uF, 16V, +/-10%, X5R, SMD 0402	C319, C417, C423	3
102-00329-00	CAP, 100uF, 16V, +/-20%, LOW ESR, 7000Hr, THR	C207	1
103-00031-00	BEAD, 120ohm@100M, 500mA, 0.25ohm, SMD 0402	B300, B301, B302, B303, B304, B306, L1101	7
103-00084-00	IND, 1.5nH, +/-0.1nH, FILM, SMD 0201	L1200	1
103-00101-00	IND, 2.2uH, Isat2.9A Irms2.9A, +/-20%, 0.042ohm, SMD 5.0*5.0*2.0mm	L302, L304	2
103-00111-00	IND, 0.6nH, +/-0.1nH, Q=0@100MHz, SRF=10000, SMD	L1418, L1424, L1429	3

103-00115-00	IND, 2.7nH, +/-0.1nH, FILM, SMD 0201	L1401, L1407, L1410, L1414	4
103-00116-00	IND, 2.2nH, +/-0.1nH, FILM, SMD 0201	L1409	1
103-00120-00	IND, 2.0nH, 0.6A, +/-0.1nH, 0.1ohm, SMD 0201	L1400, L1408, L1415	3
103-00125-00	IND, 4.7uH, Isat4.2A Irms3.2A, +/-20%, 0.032ohm, SMD 5*5*4mm, WITH MAGNETIC SHIELDING	L300, L301, L400, L401, L1100	5
103-00128-00	IND, 1uH, Isat=5.90A, Irms=3.80A, +/-30%, 0.015ohm, SMD 4*4*3mm	L202	1
103-00140-00	IND, 10uH, Isat2.4A Irms2.0A, +/-10%, 0.17ohm, SMD 4.5*4*3.2mm	L201	1
103-00184-00	IND, 0.3nH, +/-0.1nH, FILM, SMD 0201	L1423	1
103-00185-00	IND, 1.9nH, +/-0.1nH, FILM, SMD 0201	L1402, L1411	2
104-00010-00	DIODE, If=1A, Vr=200V, SMD SMA	D205	1
104-00012-00	TVS, Single, Vrwm=58V, Vbr=64.4-71.2V, Ppk=400W, Ifms=40A, Surge /EFT, SMD SMA	D203	1
104-00022-00	TRAN, NPN, PD=300mW, Ic=200mA, Vceo=40, Ft=300M, SMD SOT-23	Q800, Q801, Q802	3
104-00029-00	DIODE, If=0.8A, Vr=600V, BRIDGE RECTIFIER, SMD MBS-4	D201, D202	2
104-00043-00	TRAN, NPN PHOTOCOUPLER, ONE CHANNEL, Vceo=80V, If=50mA, SMD SOP-4	U1408	1
104-00125-00	TVS, ESD, EFT, 4-CH, Vmax=5V, Vbr=6V, Ppk=120W, CJ=0.7pFTYP, Vesd +-8KV, USB2.0/IO, SOT-23-6L	D1100, D1101, D1102, D1107	4
104-00130-00	GDT, NOM.DC SPARK-OVER VOLTAGE 90V, IMPULSE DISCHARGE CURRENT 2KA, SMD 4.5*3.2mm	D1103, D1104, D1105, D1106	4
104-00183-00	LED, THREE-COLOR, RED, Max:2.4V, TYP:632nm;GREEN:Max:3.6V, TYP:520nm;BLUE:Max:3.6V, TYP:465nm, SMD3228	D801, D802, D803	3
104-00192-00	MOSFET, NMOS, PD=0.69W, Id=0.56A, Vds=30V, Ciss=21pF SMD SOT-23	Q202, Q803, Q804	3
104-00240-00	DIODE, If=300mA, Vr=75V, SMD SOD-123	D206, D207, D208	3
104-00250-00	ZENER, PD=500mW, Vz=36V, SMD SOD-123	D1109, D1111	2
104-00268-00	DIODE, If=10A, Vr=60V, SCHOTTKY RECTIFIER, SMD TO-	D204	1
104-00269-00	MOSFET, NMOS, PD=105W, Id=18A, Vds=200V, Vgs=+/-20V, SMD DFN5X6-8L	Q201	1
105-00556-00	IC, 2+2 PORT 10/100/1000M ETHERNET SWITH WITH PSGMII/SGMII INTERFACE, QFN-108	U1100	1
105-00700-00	IC, DC-DC, INPUT 4.5V-16V, OUTPUT 0.8V-10V, 3A OUTPUT CURRENT, 800KHz, SMD SOT563	U303	1

105-00797-00	IC, SYNCHRONOUS STEP DOWN REGULATOR, 2.7-5.5V, 2A CONTINUOUS, 3A PEAK, 1MHz	U405	1
105-00818-00	IC, MEMORY, DDR3L-1866, 13-13-13, 4Gbit(256M*16bit), 1.35V, 0/85, FBGA-96	U1000	1
105-00841-00	IC, DC-DC, INPUT 4V-18V, 2A, 500KHZ, VREF 0.8V, SMD	U300, U304, U307	3
105-00870-00	IC, LDO, Vout=0.8-4.6V ADJ, Iout=500mA, SMD SOT23-5	U301, U302, U305, U401, U402, U403, U404	7
105-00898-00	IC, POE DEVICE, MP8009, COMPLETE IEEE 802.3AT STANDARD, INPUT:0-100V, SMD QFN-28	U201	1
105-00899-00	IC, NETWORK PROCESSOR, QUAD-CORE A53 1.2GHz, FCBGA-570, IPQ6000	U600	1
105-00900-00	IC, WIFI SOC, 802.11b/g/n/ac/ax, 2T2R, DRQFN-100,	U1200	1
105-00901-00	IC, WIFI SOC, 802.11a/n/ac/ax, 2T2R, DRQFN-100,	U1300	1
105-00903-00	IC, 2.4GHz FEM, QPF4228, PA, LNA AND T/R SWITCH, 802-11b/g/n/ax, Tg=33dB, Rg=15dB, OUTPUT POWER=21dBm, QFN16	U1402, U1411	2
105-00904-00	IC, 5GHz FEM, QPF4528, PA, LNA AND T/R SWITCH, 802-11a/n/ac/ax, Tg=30dB, Rg=15dB, OUTPUT POWER=21dBm, QFN16	U1404, U1406	2
105-00956-00	IC, DC/DC STEP-DOWN CONVERTER, INPUT 2.7V-6V, VREF 0.6V, 3.5A, FP6385, SMD SOT23-6	U400	1
105-50030-00	VIRTUAL PN, IC, MEMORY, NAND FLASH SLC, 1Gbit(128M*8bit), 1.8V, TSOP-48	U702	1
106-00089-00	CRYS, 96.000000MHz, +/-12PPM FT, +/-16PPM TC, 9.9pF, T=-40/+105, SMD2016	U1301	1
107-00381-00	CONN, RJ45, 8P8C, 2PORTS, 90degree, TAP UP,	J1100	1
107-00404-00	CONN, CABLE CLAMPS, CARD RF1.13 COAXIAL CABLE, L4.50*W1.46*H1.4mm, SMT	J1404, J1405	2
107-00417-00	CONN, RF COAXIAL CONNECTORS, 50ohm, L3*W3*H1.25mm, 2.0(D)*1.25(H), SHELL Au PLATED,	J1400, J1401, J1406, J1407	4
108-00002-00	BUTTON, LIGHT TOUCH, 6*7*5, 4-PIN, 90degree, THR	SW800	1
109-00036-00	TRANSF, SINGLE PORT ETHERNET, PHY-CMC, POE=550mA, 100/1000BIAS-T, TMP -40/85, SMD 24-PIN	T1101	1
109-00037-00	TRANSF, SINGLE PORT ETHERNET, RJ45-CMC, NO POE, 100/1000BIAS-T, TMP -20/125, SMD 24-PIN	T1100	1
109-00048-00	TRANSF, Vout=12V/25W, RATIO=3:1:1, 17.75*14.2mm, TMP -40/125, SMD 10-PIN	T201	1
110-01358-02	PCB, FR4, 131.3*109.9*1.6mm(264.7*109.9mm, 2PANEL), 4LAYER, Tg>=150, VER1.1C	MAINBOARD	1

113-00024-00	FILTER, BAND PASS, IL=0.83dB@2400~2500MHz, 2mm*1.25mm, SMD 5PIN	U1401, U1403	2
113-50001-00	VIRTUAL PN, FILTER, BAND PASS, 5150~5950MHz, 1.6mm*0.8mm, SMD 3PIN	U1405, U1407	2
231-00468-00	METAL, GWN7660, BRASS, COPPER PILLAR	H1, H2, H3, H4	4
231-00479-00	METAL, 5G SHIELDING CASE BOTTOM, (L)52.78*(W)41.96*(H)2.70mm	FOR MIAN PCB	1
231-00480-00	METAL, CPU SHIELDING CASE BOTTOM, (L)47.44*(W)36.01*(H)2.70mm	FOR MIAN PCB	1