

BOM type F90A58C7_01

NO.	material code	name of material	material description	mark	QTY	mark
1	3F90XXX001	PCB	PCB,10 layer,HDI 2,Size:L67.2*W52.2*H0.8±0.1mm(L136.4*W106.4),black ink,4 linking board	F90_01_STM	1	
2	7010100009	CAP,2.2uF	CAP,2.2uF,±20%,6.3V,X5R,0201,H=0.30mm±0.09	MEASJ063BB5225MF1A01	2	C112,C113
3	7010100015	CAP,220nF	CAP,220nF,±20%,6.3V,X5R,0201,H=0.30mm±0.02	V224M0201X5R6R3NJT	2	C1405,C1406
4	7010100023	CAP,68nF	CAP,68nF,±20%,6.3V,X5R,0201,H=0.30mm±0.02	C0201X5R683K6R3NTA	1	C1407
5	7010100049	CAP,330nF	CAP,330nF,±20%,6.3V,X5R,0201,H=0.30mm+0.01/-0.03	C0201X5R334M6R3NTJ	2	C760,C1414
6	701010382	CAP,1.0nF	CAP,1.0nF,±10%,50V,X7R,0402,H=0.50mm±0.05	C0402X7R102K500NTB	1	C615
7	701010454	CAP,1.0uF	CAP,1.0uF,±10%,50V,X5R,0603,H=0.80mm±0.10	CL10A105KB8NNNC	1	C614
8	701010470	CAP,100nF	CAP,100nF,±10%,10V,X5R,0201,H=0.30mm±0.03	C0201X5R104K100NTA	43	C725,C443,C404,C405,C406,C407,C415,C416,C417,C422,C430,C431,C432,C433,C434,C435,C436,C437,C438,C439,C440,C447,C452,C453,C454,C455,C456,C457,C458,C460,C461,C462,C475,C476,C486,C490,C495,C1302,C1303,C1305,C1307,C1312,C1314
9	701010480	CAP,3.3pF	CAP,3.3pF,±0.25pF,50V,C0G,0201,H=0.30mm±0.03	C0201C0G3R3C500NTA	3	C1021,L1012,C1019
10	701010482	CAP,10pF	CAP,10pF,±5%,50V,C0G,0201,H=0.30mm±0.03	C0201C0G100J500NTA	17	C300,C301,C302,C901,C903,C905,C907,C909,C911,C913,C1000,C1004,C1005,C1010,C1115,C1008,C1178
11	701010483	CAP,22pF	CAP,22pF,±5%,50V,C0G,0201,H=0.30mm±0.03	C0201C0G220J500NTA	7	C1109,C1112,C918,C919,C920,C1176,C1208

12	701010486	CAP,1.0nF	CAP,1.0nF,±10%,25V,X7R,0201,H=0.30mm±0.03	C0201X7R102K250NTA	7	C1001,C1003,C1006,C1300,C828,C1415,C1416
13	701010557	CAP,2.2pF	CAP,2.2pF,±0.25pF,50V,C0G,0201,H=0.30mm±0.03	C0201C0G2R2C500NTA	1	L1111
14	701010565	CAP,39pF	CAP,39pF,±5%,50V,C0G,0201,H=0.30mm±0.03	C0201C0G390J500NTA	4	C1215,C1210,C1412,C1413
15	701010591	CAP,1.0pF	CAP,1.0pF,±0.25pF,25V,C0G,0201,H=0.30mm±0.03	C0201C0G1R0C250NTA	4	L1013,L1144,L1219,L1200
16	701010714	CAP,120pF	CAP,120pF,±5%,50V,C0G,0201,H=0.30mm±0.03	C0201C0G121J500NTA	2	C1425,C1426
17	701010600	CAP,3.9pF	CAP,3.9pF,±0.25pF,50V,C0G,0201,H=0.30mm±0.03	C0201C0G3R9C500NTA	2	L1005,L1018
18	701010618	CAP,4.7uF	CAP,4.7uF,±20%,6.3V,X5R,0402,H=0.50mm±0.15	CL05A475MQ5NRNC	19	C508,C114,C222,C402,C413,C450,C473,C704,C1309,C1310,C1321,C1338,C1341,C906,C1002,C600,C626,C672,C814
19	701010621	CAP,10uF	CAP,10uF,±20%,6.3V,X5R,0603,H=0.80mm±0.10	CL10A106MQ8NNNC	12	C209,C211,C214,C216,C219,C111,C200,C243,C616,C188,C712,C713
20	701010653	CAP,22uF	CAP,22uF,±20%,6.3V,X5R,0603,H=0.80mm±0.20	CL10A226MQ8NRNC	18	C224,C240,C251,C400,C401,C410,C411,C412,C420,C425,C448,C449,C471,C472,C427,C1304,C1311,C1318
21	701010660	CAP,1.0uF	CAP,1.0uF,±20%,6.3V,X5R,0201,H=0.30mm±0.05	CL03A105MQ3CSNH/C	68	C506,C507,C100,C103,C120,C121,C202,C204,C215,C231,C236,C403,C408,C414,C418,C421,C423,C426,C429,C445,C446,C451,C459,C467,C474,C487,C488,C489,C707,C715,C1306,C1308,C1313,C1315,C1320,C1330,C1331,C1332,C1333,C1337,C1340,C1342,C1344,C1335,C900,C914,C1007,C661,C607,C608,C611,C1220,C724,C729,C2536,C2541,C1401,C1409,C1419,C513,C101,C515,C516,C803,C807,C812,C816,C827

22	701010694	CAP,27pF	CAP,27pF,±5%,50V,C0G,0201,H=0.30mm±0.03	C0201C0G270J500NTA	2	C802,C809
23	701010695	CAP,47pF	CAP,47pF,±5%,50V,C0G,0201,H=0.30mm±0.03	C0201C0G470J500NTA	17	C1011,C1012,C1016,C1103,C1205,C1206,C1137,C1138,C1143,C1146,C1223,C1224,C1164,C1167,C730,C731,C785
24	701010713	CAP,6.8pF	CAP,6.8pF,±0.25pF,50V,C0G,0201,H=0.30mm±0.03	C0201C0G6R8C500NTA	1	L1019
25	701010748	CAP,1.2pF	CAP,1.2pF,±0.25pF,50V,C0G,0201,H=0.30mm±0.03	C0201C0G1R2C500NTA	4	C921,L1010,L1007,L1150
26	701010787	CAP,10uF	CAP,10uF,±20%,6.3V,X5R,0402,H=0.50mm±0.20	CL05A106MQ5NUNC	13	C241,C409,C104,C428,C118,C1100,C1101,C1104,C670,C1403,C833,C834,C800
27	701010793	CAP,120pF	CAP,120pF,±10%,50V,X7R,0201,H=0.30mm±0.03	C0201X7R121K500NTA	1	C671
28	701010794	CAP,20pF	CAP,20pF,±5%,50V,C0G,0201,H=0.30mm±0.03	C0201C0G200J500NTA	2	C825,C826
29	701010808	CAP,2.2uF	CAP,2.2uF,±20%,6.3V,X5R,0402,H=0.50mm±0.07	CL05A225MQ5NSNC	20	C116,C602,C603,C604,C108,C203,C205,C217,C218,C1301,C1316,C1317,C904,C908,C910,C605,C609,C500,C535,C505
30	701010867	CAP,3.6pF	CAP,3.6pF,±0.25pF,50V,C0G,0201,H=0.30mm±0.03	C0201C0G3R6C500NTA	1	C1108
31	701010874	CAP,5.6pF	CAP,5.6pF,±0.25pF,25V,C0G,0201,H=0.30mm±0.03	C0201C0G5R6C250NTA	4	C1212,C1231,C1232,R1202
32	701010905	CAP,4.7uF	CAP,4.7uF,±10%,25V,X5R,0603,H=0.80mm±0.15	CL10A475KA8NQNC	1	C619
33	701010907	CAP,1.0uF	CAP,1.0uF,±10%,25V,X5R,0402,H=0.50mm±0.10	CL05A105KA5NQNC	4	C706,C201,C180,C723
34	701010981	CAP,10uF	CAP,10uF,±20%,25V,X5R,0603,H=0.80mm±0.10	CL10A106MA8NRNC	4	C754,C755,C757,C187
35	701011001	CAP,470pF	CAP,470pF,±20%,50V,X5R,0201,H=0.30mm±0.03	C0201X5R471M500NTA	2	T110,C1111
36	701011005	CAP,4.7uF	CAP,4.7uF,±10%,10V,X5R,0402,H=0.50mm±0.05	CL05A475KP5NRNC	2	C756,C184
37	701011014	CAP,10uF	CAP,10uF,±20%,10V,X5R,0603,H=0.80mm±0.10	CL10A106MP8NNNC	2	C620,C621

38	701011159	CAP,1.8pF	CAP,1.8pF,±0.1pF,50V,C0G,0201,H=0.30mm±0.03	C0201C0G1R8B500NTA	3	L1237,L1223,L1146
39	701011313	CAP,2.2uF	CAP,2.2uF,±10%,16V,X5R,0603,H=0.80mm±0.10	CL10A225KO8NNNC	1	C624
40	701011437	CAP,47nF	CAP,47nF,±10%,16V,X5R,0201,H=0.30mm±0.03	C0201X5R473K160NTA	1	C720
41	701011458	CAP,10nF	CAP,10nF,±10%,25V,X7R,0201,H=0.30mm±0.03	C0201X7R103K250NTA	1	C1102
42	701011460	CAP,18pF	CAP,18pF,±5%,25V,C0G,0201,H=0.30mm±0.03	C0201C0G180J250NTA	1	C820
43	701011461	CAP,0.5pF	CAP,0.5pF,±0.1pF,25V,C0G,0201,H=0.30mm±0.03	C0201C0G0R5B250NTA	2	L1009,L1113
44	701011463	CAP,470nF	CAP,470nF,±20%,6.3V,X5R,0201,H=0.30mm+0.01/-0.03	C0201X5R474M6R3NTX	3	C110,C701,C1418
45	701011467	CAP,100pF	CAP,100pF,±5%,25V,C0G,0201,H=0.30mm±0.03	C0201C0G101J250NTA	14	C709,C122,C1150,C1221,C1282,C1286,C912,C714,C726,C2543,C1402,C1404,C1410,C1411
46	701011468	CAP,12pF	CAP,12pF,±5%,25V,C0G,0201,H=0.30mm±0.03	C0201C0G120J250NTA	1	C1116
47	701011470	CAP,1.5pF	CAP,1.5pF,±0.1pF,25V,C0G,0201,H=0.30mm±0.03	C0201C0G1R5B250NTA	3	L1004,L1006,C819
48	701011471	CAP,2.0pF	CAP,2.0pF,±0.25pF,50V,C0G,0201,H=0.30mm±0.03	C0201C0G2R0C500NTA	1	L1015
49	701011472	CAP,33pF	CAP,33pF,±5%,25V,C0G,0201,H=0.30mm±0.03	C0201C0G330J250NTA	19	C117,C716,C717,R119,C1200,C1133,C1182,C1228,C1123,C1217,C1239,C1242,L1226,C1211,C665,C718,C719,C2544,C2545
50	701011508	CAP,4.7uF	CAP,4.7uF,±20%,6.3V,X5R,0603,H=0.80mm±0.10	CL10A475MQ8NNNC	1	C618
51	701011509	CAP,47nF	CAP,47nF,±10%,50V,X7R,0402,H=0.50mm±0.05	C0402X7R473K500NTB	1	C186
52	701011561	CAP,100nF	CAP,100nF,±10%,6.3V,X5R,0201,H=0.30mm±0.03	V104K0201X5R6R3NAT	13	C1151,C1202,C1287,C902,C1204,C663,C601,C606,C610,C627,C758,C1408,C534

53	7010100007	CAP,560pF	CAP,560pF,±5%,50V,X7R,0201,H=0.30mm±0.03	C0201X7R561J500NTA	2	C702,C1417
54	7010200005	RES,2.7KΩ	RES,2.7KΩ,5%,25V,1/20W,0201	0201WMJ0272TEE	1	R1407
55	7010200022	RES,0.005Ω	RES,0.005Ω,±1%,150V,1/2W,0805	MS05W2F500NT5E	1	R134
56	7010200046	RES,47.5Ω	RES,47.5Ω,±1%,25V,1/20W,0201	0201WMF475JTEE	1	R163
57	701020781	RES,0Ω	RES,0Ω,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0000TEE	62	R351,R461,R462,R109,R117,R118,R129,R132,R159,R160,R204,R300,R500,R501,R502,R503,R700,R701,R712,R530,R545,R198,R900,C1136,C1156,C1166,L1060,L1063,L1116,R605,R660,R665,R621,R650,R618,R681,R750,R1402,R1405,R1401,R532,R544,R162,R187,R534,R541,R542,R192,R193,R106,R120,R122,R123,R507,R631,R688,R508,R802,R806,R807,R810,R1222
58	701020782	RES,0Ω	RES,0Ω,±5%,50V,1/16W,0402,H=0.35mm±0.05	0402WGJ0000TCE	10	L600,L601,L602,R128,R455,R1314,R601,R652,R1403,R1413
59	701020786	RES,240Ω	RES,240Ω,±1%,25V,1/20W,0201,H=0.23mm±0.03	0201WMF2400TEE	3	R1300,R1301,R1307
60	701020787	RES,1KΩ	RES,1KΩ,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0102TEE	9	R703,R709,R108,R1317,R715,R717,R718,R719,R840
61	701020790	RES,4.7KΩ	RES,4.7KΩ,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0472TEE	1	R511
62	701020792	RES,10KΩ	RES,10KΩ,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0103TEE	12	R146,R143,R121,R1312,R912,R716,R188,R183,R184,R710,R114,R115
63	701020796	RES,51Ω	RES,51Ω,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0510TEE	3	R301,R332,R333
64	701020802	RES,1.5KΩ	RES,1.5KΩ,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0152TEE	1	R1100
65	701020806	RES,47KΩ	RES,47KΩ,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0473TEE	3	R171,R130,R182

66	701020807	RES,100KΩ	RES,100KΩ,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0104TEE	5	R312,R603,R720,R721,R539
67	701020810	RES,100Ω	RES,100Ω,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0101TEE	8	R515,R516,R517,R1303,R1304,R661,R662,R663
68	701020828	RES,27Ω	RES,27Ω,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0270TEE	1	R904
69	701020829	RES,150Ω	RES,150Ω,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0151TEE	2	R905,R906
70	701020830	RES,200Ω	RES,200Ω,±1%,25V,1/20W,0201,H=0.23mm±0.03	0201WMF2000TEE	2	R170,R173
71	701020831	RES,510Ω	RES,510Ω,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0511TEE	10	R305,R306,R330,R725,R726,R728,R131,R666,R664,R667
72	701020839	RES,10Ω	RES,10Ω,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0100TEE	1	R510
73	701020864	RES,100Ω	RES,100Ω,±5%,50V,1/16W,0402,H=0.35mm±0.05	0402WGJ0101TCE	1	R200
74	701020889	RES,22Ω	RES,22Ω,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0220TEE	1	R526
75	701020890	RES,33Ω	RES,33Ω,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0330TEE	1	R533
76	701020906	RES,56KΩ	RES,56KΩ,±1%,25V,1/20W,0201,H=0.23mm±0.03	0201WMF5602TEE	4	R172,R1003,R1004,R135
77	701020940	RES,10KΩ	RES,10KΩ,±1%,25V,1/20W,0201,H=0.23mm±0.03	0201WMF1002TEE	2	R1311,R1315
78	701020946	RES,3.9Ω	RES,3.9Ω,±1%,50V,1/16W,0402,H=0.35mm±0.05	0402WGF390KTCE	1	R604
79	701020961	RES,24KΩ	RES,24KΩ,±1%,25V,1/20W,0201,H=0.23mm±0.03	0201WMF2402TEE	1	R908
80	701020968	RES,20KΩ	RES,20KΩ,±1%,25V,1/20W,0201,H=0.23mm±0.03	0201WMF2002TEE	1	R1316
81	701020985	RES,100KΩ	RES,100KΩ,±1%,25V,1/20W,0201,H=0.23mm±0.03	0201WMF1003TEE	3	R1006,R138,R100
82	701021014	RES,300Ω	RES,300Ω,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0301TEE	2	R1710,R1711

83	701021018	RES,15Ω	RES,15Ω,±1%,25V,1/20W,0201,H=0.23mm±0.03	0201WMF150JTEE	2	R713,R714
84	701021151	RES,12KΩ	RES,12KΩ,±5%,25V,1/20W,0201,H=0.23mm±0.03	0201WMJ0123TEE	1	R1709
85	701021152	RES,22.6KΩ	RES,22.6KΩ,±1%,25V,1/20W,0201,H=0.23mm±0.03	0201WMF2262TEE	1	R1310
86	701021154	RES,23.2KΩ	RES,23.2KΩ,±1%,25V,1/20W,0201,H=0.23mm±0.03	0201WMF2322TEE	1	R1203
87	701021156	RES,16.5KΩ	RES,16.5KΩ,±1%,25V,1/20W,0201,H=0.23mm±0.03	0201WMF1652TEE	1	R1205
88	701021178	RES,1.2KΩ	RES,1.2KΩ,±1%,25V,1/20W,0201,H=0.23mm±0.03	0201WMF1201TEE	1	R706
89	701021179	NTC RES,47KΩ	NTC RES,47KΩ,±1%,0402,H=0.50mm±0.15,4100K	SDNT1005X473F4100FTF	2	R1007,R137
90	701021226	RES,510Ω	RES,510Ω,±1%,25V,1/20W,0201,H=0.23mm±0.03	0201WMF5100TEE	2	R1431,R1432
91	7010300004	IND,3.3nH	IND,3.3nH,±0.3nH,450mA,0201,H=0.30mm±0.03	VHF060303HQ3N3ST02	9	L1121,L1204,C1181,L1182,L1231,L1107,C1018,L1166,R1110
92	7010300005	IND,10nH	IND,10nH,±5%,250mA,0201,H=0.30mm±0.03	VHF060303HQ10NJT02	7	C1015,C1216,L1157,L1151,R1223,L1201,L1260
93	7010300006	IND,27nH	IND,27nH,±5%,140mA,0201,H=0.30mm±0.03	VHF060303HQ27NJT02	2	L1202,L802
94	7010300010	IND,4.3nH	IND,4.3nH,±0.3nH,350mA,0201,H=0.30mm±0.03	VHF060303HQ4N3ST02	3	L1230,L1129,L1138
95	7010300011	IND,15nH	IND,15nH,±5%,250mA,0201,H=0.30mm±0.03	VHF060303HQ15NJT02	3	C1118,L1222,L1156
96	7010300012	IND,1.0nH	IND,1.0nH,±0.3nH,800mA,0201,H=0.30mm±0.03	VHF060303HQ1N0ST02	8	C1154,C1207,C1213,C1180,C1022,L1119,C1222,R808
97	7010300013	IND,1.5nH	IND,1.5nH,±0.3nH,650mA,0201,H=0.30mm±0.03	VHF060303HQ1N5ST02	4	C1121,C1157,L1112,C1023
98	7010300014	IND,1.8nH	IND,1.8nH,±0.3nH,650mA,0201,H=0.30mm±0.03	VHF060303HQ1N8ST02	5	C1110,C1233,L1110,C1214,C1219
99	7010300015	IND,2.0nH	IND,2.0nH,±0.3nH,650mA,0201,H=0.30mm±0.03	VHF060303HQ2N0ST02	6	C1132,L1212,L1205,C1230,C1240,L806

100	7010300016	IND,2.2nH	IND,2.2nH,±0.3NH,650mA,0201,H=0.30mm±0.03	VHF060303HQ2N2ST02	6	C1009,L1148,L1155,C1249,L1145,C1158
101	7010300017	IND,2.4nH	IND,2.4nH,±0.3NH,550mA,0201,H=0.30mm±0.03	VHF060303HQ2N4ST02	6	L1130,C1122,L1179,C1209,R1121,L1167
102	7010300018	IND,2.7nH	IND,2.7nH,±0.3NH,550mA,0201,H=0.30mm±0.03	VHF060303HQ2N7ST02	9	C922,C1020,C1030,L1014,L1235,C1145,C1163,C1259,L807
103	7010300019	IND,3.0nH	IND,3.0nH,±0.3NH,450mA,0201,H=0.30mm±0.03	VHF060303HQ3N0ST02	3	C1014,C1134,C1017
104	7010300021	IND,3.9nH	IND,3.9nH,±0.3NH,400mA,0201,H=0.30mm±0.03	VHF060303HQ3N9ST02	5	L1123,C1229,L1208,L800,R1201
105	7010300022	IND,4.7nH	IND,4.7nH,±0.3NH,350mA,0201,H=0.30mm±0.03	VHF060303HQ4N7ST02	2	L1180,L1209
106	7010300023	IND,5.1nH	IND,5.1nH,±0.3NH,350mA,0201,H=0.30mm±0.03	VHF060303HQ5N1ST02	2	L1216,L1240
107	7010300024	IND,5.6nH	IND,5.6nH,±0.3NH,350mA,0201,H=0.30mm±0.03	VHF060303HQ5N6ST02	7	L1136,L1158,L1245,L1163,L1249,L1115,L809
108	7010300025	IND,6.2nH	IND,6.2nH,±0.3NH,300mA,0201,H=0.30mm±0.03	VHF060303HQ6N2ST02	1	C1144
109	7010300027	IND,8.2nH	IND,8.2nH,±5%,250mA,0201,H=0.30mm±0.03	VHF060303HQ8N2JT02	3	L1132,L1141,C1168
110	7010300030	IND,39nH	IND,39nH,±5%,120mA,0201,H=0.30mm±0.03	VHF060303HQ39NJT02	1	L603
111	7010300036	IND,1.2nH	IND,1.2nH,±0.3nH,750mA,0201,0.30mm±0.03	VHF060303HQ1N2ST02	2	C1152,C1142
112	7010300037	IND,12nH	IND,12nH,±5%,250mA,0201,H=0.30mm±0.03	VHF060303HQ12NJT02	4	L1017,C1238,L1160,C1241
113	7010300047	IND,18nH	IND,18nH,±5%,250mA,0201,H=0.30mm±0.03	VHF060303HQ18NJT	1	C1225
114	7010300054	IND,22nH	IND,22nH,±5%,250mA,0201,H=0.30mm±0.03	VHF060303HQ22NJT02	1	L1215
115	7010300057	IND,56nH	IND,56nH,±5%,100mA,0201,H=0.30mm±0.03	VHF060303HQ56NJT02	1	L811
116	7010300078	IND,3.6nH	IND,3.6nH,±0.1nH,400mA,0201,H=0.30mm±0.03	VHF060303HQ3N6BT02	4	C1105,L1105,C1237,L1225

117	701030098	Bead,1KΩ	Bead,1KΩ,± 25%,100MHZ,100mA,0402,H=0.50mm±0.15	SZ1005K102TF	4	L702,L703,L101,L102
118	701030223	IND,4.7uH	IND,4.7uH,±20%,800mA,0805,H=0.90mm±0.10	MPL2012S4R7MHT	1	L605
119	701030629	Bead,1.8KΩ	Bead,1.8KΩ,± 25%,100MHZ,50mA,0402,H=0.50mm±0.15	SZ1005K182TF	4	R602,R606,L707,L710
120	7010300059	Bead	Bead,1000Ω,± 25%,100MHZ,1000mA,0603,H=0.80mm±0.15	HCB1608KF-102T10	2	L751,L752
121	7010300128	IND,210nH	IND,210nH,±5%,800mA,0603,H=0.80mm±0.15	MTF0603PR21JST	2	L1401,L1402
122	701030791	Power IND,1.0uH	Power IND,1.0uH,±20%,40m Ω,4.5A,2016,H(Max)=1.0mm,25V	WPN201610uF1R0MT	1	L810
123	701030798	Power IND,10uH	Power IND,10uH,±20%,435m Ω,1.3A,2520,H(Max)=1.0mm,40V	MPIA252010F100M-LF	1	L604
124	701030847	Power IND,1.0uH	Power IND,1.0uH,±20%,41m Ω,4.4A,2520,H(Max)=1.0mm	WIP252010S-1R0ML	1	L700
125	701030855	Power IND,0.33uH	Power IND,0.33uH,±20%,21m Ω,6.7A,2016,H(Max)=1.0mm	WIP201610S-R33ML	5	L201,L202,L203,L204,L209
126	701030862	Power IND,1.0uH	Power IND,1.0uH,±20%,48m Ω,3.9A,2016,H(Max)=1.0mm	WIP201610S-1R0ML	5	L205,L207,L208,L210,L206
127	701030918	IND,100nH	IND,100nH,±5%,80mA,0201,H=0.30mm±0.03	SDCL0603QR10JT02B03	1	C109
128	701031003	EMI/ESD	MIPI EMI Filter,90Ω,2 lines,100MHz,0.70*0.55*0.35mm	EXCX4CE900U	15	U610,U611,U612,U613,U614,U600,U601, U602,U603,U604,U630,U631,U632,U633, U634
129	7010400003	Schottky diode	Schottky diode,1A,40V,SOD-323,2.7*1.4*1.0mm	B5819WS	1	D600
130	7010400012	tricolour light	tricolour light,RGB,1.6~3.1V,60~100mA,1615,H=0.4mm± 0.1mm	LB1943R6GHB1W-C01T2	1	LED500
131	7010600020	TVS	TVS,650pF,5V,Uni-directional,± 30kV,2400W,DFN1610-2,1.6*1.0*0.5mm	PESDU4831P6	2	TVS1200,TVS1201
132	701060161	TVS	TVS,1000pF,5.9V,uni- directional,Air30kV,3500W,DFN2020- 3L,H=0.65mm	PTVSHC3N4V8UA	2	T102,T112

133	701060130	TVS	TVS,3pF,6V,Bi-direction,Air15kV,20W,DFN0603-2,0.6*0.3*0.3mm	AU0561P0	17	T500,T501,T502,T503,T504,T505,T506,T507,T508,T509,T510,T511,T512,T513,T514,T518,T525
134	701060132	TVS	TVS,3pF,6V,Bi-direction,Air20kV,20W,DFN1006-2,1.1*0.6*0.5mm	AU0561P1	21	T517,T315,T316,T113,T703,T704,T705,T661,T662,T663,T665,T700,T701,T560,T561,T562,T563,T564,T566,T567,T702
135	7010800023	LDO	LDO,Adjustable,800MA,68dB@100HZ@100mA,DFN1.2x1.6-8L,1.2*1.6*0.35mm	ETA5060V0DBI	2	U1310,U1311
136	7010800031	Bias driver IC	Bias driver IC,±4V to ±6.5V,120mA,15pin,WLCSP-15B,1.985*1.185*0.637mm	AS9700BRN	1	U607
137	701080180	LDO	LDO,0.5~3V,1000mA,72dB@1kHz@10mA,WL-CSP6,1.18*0.78*0.6mm	OCP1410W000PAD	1	U620
138	701090216	XTAL,26MHz	XTAL,26MHz,±10ppm,9pF,2.5*2.0*0.9mm	2Z26000002	1	X100
139	7011000006	Charger IC	Charger IC,5A,13.5V,17mΩ,QFN-24L,4.0*4.0*0.75mm	SC89890HQDLR	1	U710
140	701110767	Common Mode Filter	Common Mode Filter,90Ω,2 Lines,100MHz,0.85*0.65*0.55mm	EXC14CE900U	1	L706
141	701111562	GPS LNA	GPS LNA,L1&L5,Gain 18.3~18.7dBm,DFN-6L,1.5*1.0*0.55mm	AW5005EDNR	1	U802
142	7011130146	LPDDR4X	LPDDR4X,8GB,FBGA,200ball,14.5*10*1.1mm	RS2G32LV4D4BDT-53BT	1	U1301
143	7011130330	UFS4.0	UFS4.0,512GB,FBGA,153ball,11.0*13*0.9mm	SMFS23Z512GAYAXHF-UT	1	U1302
144	7011140011	TXM	TXM,quad-band GSM/GPRS/EDGE and dual-band TD-SCDMA/TDD-LTE,SOI SP16T antenna switch,1,4G,WBLGA,5.5mmx5.3mmx0.7mm	FX5596Y	1	U1100
145	7011140012	PA	PA,CDMA, WCDMA, FDD-LTE TDD-LTE Band 38/39/40/41 and Uplink Carrier Aggregation (CA) support for Band 39 (up to 35 MHz),,No switch,NO Ant port,4G,WBLGA,4* 6.8*0.68mm	FX5627Y	1	U1000

146	7011150032	RF Switch	RF Switch,0.4-7.2G,TRX,DPDT,1.1dB,GPIO,1511,1.1*1.5*0.45mm	CAN1122CS	1	U1111
147	7011150040	Ant switch	Ant switch,0.4 to 3.8GHz,TRX,ANT switch,BPI,1511,1.1*1.5*0.45mm	MXD8544AE	1	U1220
148	701115111	RF Switch	RF switch,0.4-2.7GHz,TRX,SP12T,0.67@2.7G,MIPI,2525,2.5*2.5*0.45mm	CAN1662A	1	U1200
149	7011160008	NFC Controller	NFC Controller,I2C,2W,BGA 56pin,Pitch=0.4mm,4*4*0.896mm	THN31FGB1N	1	U1400
150	701116007	Accelerometer	Accelerometer,I2C Interface,Three-Axis,WLP,6L,1.725*1.2*1.0mm	MXC4005XC	1	U502
151	701116051	Geomagnetic Sensor	Geomagnetic Sensor,I2C Interface,3-Axis,WLCSP,4L,0.8*0.8*0.55 mm	AF6133E	1	U504
152	701116053	Ambient Light and Proximity Sensor	ALS+PS sensor,I2C Interface,940nm LED,OLGA,8L,5.5*2.4*1.85mm	STK33562-175	1	U816
153	7011170013	LED Driver	LED Driver,PWM Dimming Control,LED Driver 1.5A,FCQFN,10L,1.6*1.2*0.6mm	AW36518EFCR	1	U810
154	701117037	WLED Driver	WLED Driver,PWM Diming Control,38V output,DFN,6L,2.1*2.1*0.8mm	AW9962EDNR	1	U605
155	7011180008	AudioPA	AudioPA,SmartK,AW87391FCR,8.5V,FCQFN,16PIN,2.5*2*0.55mm,NO DSP	AW87391FCR	1	U701
156	7011190004	PMU	PMU,FCVFBGA,247ball,7.7*7.7*0.78MM	UMP510G1	1	U200
157	7011190011	CPU	CPU chip,FBGA,704ball,12*10.8*0.82mm,pitch:0.4mm,12mm	UMS9230E	1	U400
158	701119004	RF Transceiver	Transceiver,FCVFBGA,123ball,4.5*4.5*0.74mm, pitch:0.35mm	SR3595D	1	U900
159	701119013	WBGA chip	WBGA chip,BGA,117ball,4.5*4.2*0.93mm,pitch:0.35mm	UMW2631	1	U800
160	7011200011	SIM Block	SIM Block,8.00±0.08mm*7.58±0.1mm*0.76±0.08mm	S239-0B06C13F	2	J1504,J1503
161	7011200012	Sim card	Sim card,21.1*15.35*2.30H 3in3 Double Deck CONN.Micro SD+DOUBLE NANO SIM	S251-0B10F23F	1	J1505

162	7011200159	Battery connector	Battery connector,4u"Min Au Plating On contact area,pitch 0.4mm,8PIN,MATING CONDITION 0.7mm,0.3A/signal pin	OK-12GF004/2-04	1	J800
163	701120956	GSM coaxial Connector	GSM coaxial Connector,RF I V ,Shell Au Plated,2.1*2.05*0.6mm,H=1.2mm	70449-001E	1	J1100
164	701121251	RF Connector	RF Connector,RFIII,AU:5U",W2.1±0.15mm*L2.0±0.15mm*H0.9±0.15mm,Working Height 1.2mm	818011998	1	J1200
165	701121262	steel_frame	steel_frame,3.2±0.1mm, 1.5±0.1mm, 1.20±0.05mm,C7701	K6309Q_steel_frame_02	1	K6309-STEEL-01
166	701121279	BTB Receptacle connector	BTB Receptacle connector,3u"Au Plating On contact area,pitch 0.40±0.05mm,30PIN,MATING CONDITION 0.8±0.1mm,0.3A/signal pin	OK-23GF030-04(019A)	1	J603
167	701121377	BTB Receptacle connector	BTB Receptacle connector,3u"Au Plating On contact area,pitch 0.35mm,40PIN,MATING CONDITION 0.7mm,0.3A/signal pin+3A/power pin	OK-118RF040/2-35(019A)	2	J1403,J606
168	701121384	BTB Receptacle connector	BTB Receptacle connector,3u"Au Plating On contact area,pitch 0.35mm,30PIN,MATING CONDITION 0.7mm,0.3A/signal pin+3A/power pin	OK-118RF030/2-35(019A)	1	J702
169	701121435	BTB Receptacle connector	BTB Receptacle connector,3u"Au Plating On contact area,pitch 0.4mm,10PIN,MATING CONDITION 0.8mm,0.5A/signal pin	OK-23GF010-04(019A)	1	J511
170	701121436	BTB Receptacle connector	BTB Receptacle connector,3u"Au Plating On contact area,pitch 0.4mm,24PIN,MATING CONDITION 0.8mm,0.5A/signal pin	OK-23GF024-04 (019A)	1	J602
171	7011300019	SAW Dual Filter	SAW Dual Filter,B1(66)+3,2.3dB,Unbalanced,1511	RHDS15CE96AUB001	1	U1201
172	7011300056	Wifi Saw	win saw,2402 ~ 2483 MHz, Loss=1.7dB, Unbalanced, 1109, 1.1*0.9*0.55 mm	RHFT11CA2442AUB001	1	U801
173	7011300057	SAW Duplexer	SAW Duplexer,band1, Loss=2.0dB, unbalance, 1612	NDFT001-1950XA	1	U1101
174	7011300071	band pass filter	band pass filter,1805 - 2025MHz, Loss=2dB, unbalance, 1608	SPFI18180BPF3B1FAA	3	U1119,U1203,U1060

175	7011300072	Triplexer	Triplexer,GPS/2.4GHz WLAN/5GHz WLAN,Loss=0.63/0.84/0.93,8-pin,2012	SPTR211625493T2CAA	1	F800
176	7011300082	SAW Filter	SAW Filter,B7,LOSS=1.9dB,unbalance,1109	RHFR11CA07AUB001	1	U1205
177	7011300083	SAW Filter	SAW Filter,B8,LOSS=2.0dB,unbalance,1109	RHFR11CA08AUB001	1	U1206
178	7011300084	SAW Filter	SAW Filter,B40,LOSS=1.8dB,unbalance,1109	RHFR11CA40AUB001	1	U1216
179	7011300085	SAW Filter	SAW Filter,B41,LOSS=2.2dB,unbalance,1109	RHFR11CA41AUB001	1	U1215
180	7011300087	GPS SAW	GPS SAW,L1,LOSS=1.6dB,Unbalance,1109	RHFR11CA1575AUB001	1	U803
181	7011300098	TRX SAW	TRX SAW,B40,Loss=1.9dB,unbalance,1.1*0.9*0.55mm	RHFT11CB40AUB001	1	U1002
182	7011300099	TRX SAW	TRX SAW,B41,Loss=1.7dB,unbalance,1.1*0.9*0.55mm	RHFT11CB41AUB001	1	U1004
183	7011300147	SAW Duplexer	SAW Duplexer,band8,Loss=1.9dB,unbalance,1612	RHDX16CQ08AUB001	1	U1105
184	7011300155	SAW Duplexer	SAW Duplexer,Band3,loss=1.7dB,unbalance,1612	RHDX16CT03BUB001	1	U1110
185	7011300188	SAW Duplexer	SAW Duplexer,Band 25,TX loss=1.9,RX Loss=2.2,unbalance,1612	RHDX16CT25BUB001	1	U1102
186	7011300191	SAW Duplexer	SAW Duplexer,Band66,Loss=2.8dB,unbalance,1612	SSD195616A1	1	U1112
187	7011300206	SAW Duplexer	SAW Duplexer,B26,Loss=2.2dB,Unbalanced,1612	RHDX16CQ26AUB001	1	U1103
188	7011300228	SAW Duplexer	SAW Duplexer,Band28F,Loss=1.6dB,unbalance,1814	RHDX18CT28AUB001	1	U1109
189	7011300244	SAW Duplexer	SAW Duplexer,Band20,1.7dB,unbalance,1612	RHDX16CQ20AUB001	1	U1108
190	701130653	SAW Filter	SAW Filter,band28,Loss=1.5dB,unbalance,1109	NDFH026-0780SA	1	U1209
191	701130848	SAW Duplexer	SAW Duplexer,band7,Loss=2.4db,unbalance,1612	B39272-B1261-P810-W05	1	U1104

192	701130943	RX SAW	RX SAW,band25,Loss=2.4dB,unbalance,1109	RHFR11CA25AUB001	1	U1202
193	701130944	RX SAW	RX SAW,band26,Loss=1.9dB,unbalance,1109	RHFR11CA26AUB001	1	U1204
194	701130945	RX SAW	RX SAW,band20,Loss=2.7dB,unbalance,1109	RHFR11CA20AUB001	1	U1208
195	7011400297	antenna shrapnel	antenna shrapnel,Rating current 2A,3u" Au Plating On contact area,L2.2*W1.1*H1.2mm,Working Height 1.3mm	8000D043	15	ANT1201,ANT1203,ANT1400,ANT1401,ANT721,ANT722,ANT723,ANT724,ANT725,ANT761,ANT7022,ANT703,ANT704,ANT800,ANT802
196	7011400332	Antenna clip	Antenna clip,2.0*1.4*0.9mm,Card wire 0.9 (Opening0.7)	80000402	1	J700
197	7011400577	BB shield	BB shield,Internal height 1.2mm,THK0.3mm,With insulation,C7701	F90-BB-01	1	S_BB
198	7011400578	RF shield	RF shield,Internal height 1.1mm,THK0.3mm,No insulation,C7701	F90-RF-01	1	S_RF
199	7011400579	GPS shield	GPS shield,Internal height 1.2mm,THK0.2mm,With insulation,C7701	F90-GPS-01	1	S_GPS
200	7011400580	PA shield	PA shield,Internal height 1.2mm,THK0.2mm,No insulation,C7701	F90-PA-01	1	S_PA
201	7011400581	PMU shield	PMU shield,Internal height 1.2mm,THK0.3mm,With insulation,C7701	F90-PMU-01	1	S_PMU
202	7011400582	AUDIO shield	AUDIO shield,Internal height 1.2mm,THK0.2mm,with insulation,C7701	F90-AUDIO-01	1	S_AUDIO
203	701142723	Thermal conductive silica gel	Thermal conductive,silica gel,9.0*7.0*0.8mm	P2S907008-3W	1	U400上方
204	701143370	FM shield	FM shield,Internal height 1.25mm,THK0.2mm,No insulation,C7701	A200-FM-01	1	S_NFC
205	7011600047	BB COVER	BB COVER,C7701,Internal height 1.2mm,THK0.15mm	F90-BB-COVER-01	1	S_BB-COVER
206	701010916	CAP,2.4pF	CAP,2.4pF,±0.25pF,50V,C0G,0201,H=0.30mm±0.03	C0201C0G2R4C500NTA	1	L1022
207	7010300085	IND,6.8nH	IND,6.8nH,±3%,300mA,0201,H=0.30mm±0.03	VHF060303HQ6N8HT02	1	R1221

