

Item	Material No. Description	Quantity	Tag No.
1	PCB board: T2311F-MR-V1.0, 8 layers, 2 levels, buried blind holes, black oil, board thickness 1.0 (mm), 4 panels, no board edges, panel size	1	
2	Capacitance, 10pF, ±5%, COG, 50V, 0201, 0201CG100J500NT, UHOT	1	C6877
3	Capacitance, 15pF, ±5%, COG, 50V, 0201, 0201CG150J500NT, UHOT	1	M205
4	Capacitance, 18pF, ±5%, COG, 50V, 0201, 0201CG180J500NT, UHOT	1	M206
5	Capacitance, 33pF, ±5%, COG, 50V, 0201, 0201CG330J500NT, UHOT	4	C6878,C6879,C6882,C6884
6	Capacitance, 100pF, ±5%, COG, 50V, 0201, 0201CG101J500NT, UHOT	6	C6822,C6823,C6863,C6865,C6874,C6883
7	Capacitor, 1nF, ±10%, X7R, 50V, 0201, 0201B102K500NT, Yageo	2	L16,C6107
8	Capacitor, 4.7nF, ±10%, X5R, 10V, 0201, 0201X472K100NT, UHOT	1	C6871
9	Capacitor, 10nF, 20%, X7R, 10V, 0201, 0201B103M100NT, UHOT	3	C6866,C6933,C7022
10	Capacitor, 47nF, ±10%, 10V, X7R, 0402, C1005X7R473KDTS; Dafon	1	C303
11	Capacitor, 100nF, ±20%, X5R, 6.3V, 0201, 0201X104M6R3NT, UHOT	48	C1001,C1005,C1009,C1010,C1011,C1703,C1706,C2161,C2163,C2302,C2303,C4101,C4301,C5001,C5002,C6704,C6707,C6708,C6709,C6714,C6715,C6834,C6835,C6837,C6840,C6862,C6963,C6964,C6985,C6994,C6995,C6996,C6997,C6999,C7007,C6977,C4401,C4402,C4404,C4405,C4407,C4409,C4410,C4411,C4412,C4419,C4422,C4423
12	Capacitor, 470nF, ±20%, 6.3V, X5R, 0201, C0201X5R474M6R3NTJ, EYANG	3	C1818,C1826,C1827
13	Capacitor, 1uF, ±20%, X5R, 6.3V, 0201, JMK063ABJ105MP-F, Taiyo	77	C1002,C1003,C1004,C1006,C1502,C1503,C1801,C1802,C1803,C1804,C1810,C1813,C1814,C1815,C1816,C1820,C1821,C1822,C1823,C1824,C1825,C1901,C1902,C1903,C1904,C1911,C1912,C1913,C1914,C2001,C2112,C2116,C2121,C2122,C2123,C2124,C2125,C2126,C2127,C2130,C2162,C2164,C2301,C4004,C4005,C4006,C4007,C4302,C6101,C6102,C6103,C6701,C6702,C6703,C6705,C6706,C6713,C6719,C6720,C6721,C6722,C6723,C6748,C6841,C6873,C6875,C6876,C6880,C6885,C6959,C6960,C6961,C6986,C7006,C10497,C6501,C4420
14	Capacitor, 1uF, ±20%, X5R, 16V, 0201, CL03A105MO3NRN, SAMSUNG	1	C2304
15	Capacitor, 2.2uF, ±20%, X5R, 6.3V, 0201, JDK063BBJ225MP-F, Taiyo	5	C6955,C6962,C6965,C6966,C6967
16	Capacitor, 1uF, ±10%, X5R, 25V, 0402, CL05A105KA5NQ5C, SAMSUNG	1	C6972
17	Capacitor, 1uF, ±10%, 50V, X5R, 0603, CL10A105KB8NUNC, SAMSUNG	1	C301
18	Capacitor, 2.2uF, ±20%, 6.3V, X5R, 0402, CL05A225MQ5NUNC, SAMSUNG	14	C1807,C1808,C2040,C2111,C2151,C2152,C6104,C6838,C6928,C6930,C6932,C7011,C4406,C4408

19	Capacitor, 4.7uF, ±20%, X5R, 6.3V, 0402, JMK105BBJ475MV-F, Taiyo	17	C2004,C2006,C2106,C2140,C2141,C2150,C2153,C6105,C6106,C6752,C6836,C6839,C6864,C6881,C4001,C4403,C4413
20	Capacitor, 10uF, ±20%, 6.3V, X5R, 0402, GRM155R60J106ME44D,	3	C2002,C2003,C2005
21	Capacitor, 10uF, ±20%, 25V, X5R, 0603, CL10A106MA8NRNC, SAMSUNG	4	C6731,C6749,C305,C302
22	Capacitor, 22uF, ±20%, 6.3V, X5R, 0603, CL10A226MQ8NRNC, SAMSUNG	14	C2010,C2011,C2020,C2021,C2023,C2030,C2031,C2101,C2105,C6716,C6717,C6718,C9010,C4421
23	Capacitor, 22uF, ±20%, 16V, X5R, 0603, CL10A226MO7JZN, SAMSUNG	1	C6971
24	Inductor, 1.0nH, ±0.2nH, 0201, MGCI0603T1N0CT-LF, Microgate	2	M201,M202
25	Inductor,5.6nH,±5%,0201,LQP03TG5N6J02D,Murata	1	M207
26	Inductor, 8.2nH, ±3%, 0201, LQP03TG8N2H02D, MURATA	1	M198
27	Inductor, 9.1nH, ±5%, 0201, MGCI0603T9N1JT-LF, MICROGATE	1	M199
28	Inductor,15nH,±5%,0201,MGCI0603T15NJT-LF,MICROGATE	1	L17
29	Inductor,56nH,±5%,0201,MGCI0603T56NJT-LF,MICROGATE	1	L15
30	Inductor, 68nH, ±5%, 0201, MGCI0603T68NJT-LF, MICROGATE	1	L18
31	Inductor, 82nH, ±5%, 0201, LQP03TG82NJ02D, MURATA	1	L14
32	Power inductor, 0.47uH, ±20%, 2.5*2.0*1.0mm, Irms=4.5A, dcr=24mohm, CIGT252010LMR47MNE, SAMSUNG	2	PL2001,PL2002
33	Power inductor, 1.0uH, ±20%, Isat=4.5A, 2.5*2.0*1.2mm, dcr=42 mohm, MPIM252012E1R0M20-LF, Microgate	3	PL2003,PL2006,L2103
34	Power inductor, 1.0uH, ±20%, Irms=2.4A, 2.0*1.6*1.0mm, MPIA201610-1R0M-LF, MICROGATE	1	PL2004
35	Antenna divider,GPS/2.4/5GHzTriplexer,2012,MTPX21H152450P69-T02M,Microgate	1	U2044
36	Resistor,0ohm,±5%,1/20W,0201,0201WMJ0000TEE,Uinohm	52	M316,R4002,R4003,R4069,R4077,R4078,R4079,R4080,R4081,R4090,R4091,R4093,R4100,R4110,R4133,R4135,R4136,R4144,R4148,R4152,R4159,R4161,R4162,R4163,R4165,R4171,R4173,R4174,R4176,R4201,R4218,R4220,R4240,R4253,R4254,R4255,R4256,R4257,R4286,R4287,R4228,R4229,R4230,R4222,R4223,R90510,R90520,R90521,R90705,R9153,R9155,R9179
37	Resistor, 1ohm, ±5%, 1/20W, 0201, 0201WMJ010JTEE, Uinohm	1	R2001
38	Resistor, 34.8ohm, ±1%, 1/20W, 0201, 0201WGF3480KTEE, Uinohm	1	R4001
39	Resistor, 100ohm, ±5%, 1/20W, 0201, 0201WMJ0101TEE, Uinohm	1	R388
40	Resistor, 240ohm, ±1%, 1/20W, 0201, 0201WMF2400TEE, Uinohm	2	R4404,R4405
41	Resistor, 470ohm, ±5%, 1/20W, 0201, 0201WMJ0471TEE, Uinohm	2	R4094,R4095
42	Resistor, 1Kohm, ±5%, 1/20W, 0201, 0201WMJ0102TEE, Uinohm	3	R4041,R4097,R4219

43	Resistor, 1.5Kohm, ±5%, 1/20W, 0201, 0201WMJ0152TEE, Uinohm	2	R4006,R4099
44	Resistor, 2.2Kohm, ±5%, 1/16W, 0201, KOA, RC0201JR-072K2L, Yageo	1	R90511
45	Resistor, 5.1Kohm, ±1%, 1/20W, 0201, 0201WMF5101TEE, Uinohm	1	R9160
46	Resistor, 7.5Kohm, ±5%, 1/16W, 0201, KOA, RC0201JR-077K5L, Yageo	1	R2301
47	Resistor, 10Kohm, ±1%, 1/16W, 0201, KOA, RC0201FR-0710KL, Yageo	5	R4123,R4124,R9161,R9162,R9159
48	Resistor, 12Kohm, ±1%, 1/20W, 0201, 0201WGF1202TEE, Uinohm	1	R2213
49	Resistor, 16.9Kohm, ±1%, 1/20W, 0201, 0201WMF1692TEE, Uinohm	1	R4028
50	Resistor, 20Kohm, ±1%, 1/20W, 0201, 0201WMF2002TEE, Uinohm	1	R4043
51	Resistor, 28Kohm, ±1%, 1/16W, 0201, KOA, RC0201JR-0728KL, Yageo	1	R4042
52	Resistor, 39Kohm, ±1%, 1/20W, 0201, 0201WMF3902TEE, Uinohm	1	R2304
53	Resistor, 47Kohm, ±5%, 1/20W, 0201, 0201WMJ0473TEE, Uinohm	1	R4088
54	Resistor,100Kohm,±5%,1/20W,0201,0201WMJ0104TEE,Uinohm	3	R4164,R4182,R4225
55	Resistor,100Kohm,±1%,1/20W,0201,0201WMF1003TEE,Uinohm	1	R4005
56	Resistor, 200Kohm, ±1%, 1/20W, 0201, 0201WMF2003TEE, Uinohm	1	R2204
57	Resistor, 330Kohm, ±1%, 1/20W, 0201, 0201WMF3303TEE, Uinohm	1	R2303
58	Resistor, 390Kohm, ±1%, 1/20W, 0201, 0201WMF3903TEE, Uinohm	2	R1501,R1502
59	Resistor, 1Kohm, ±1%, 1/16W, 0201, KOA, RC0201FR-071KL, Yageo	1	R4026
60	Resistor,0ohm,±5%,1/16W,0402,0402WGJ0000TCE,Uinohm	5	B1,R4004,R4086,R4190,R4195
61	Thermistor, 100Kohm, ±1% at 25°C, 100mW, 0402, NTCG104EF104F, TDK	2	NTC1501,NTC1502
62	Resistor,0ohm,±5%,1/10W,0603,0603WAJ0000T5E,Uinohm	1	R4145
63	Resistor, 0.01ohm, ±1%, 1/2W, 1206, HP06W2F100MT5E, Uinohm	1	R4030
64	Magnetic beads, 1000 ohm, 250mA, 0402, BLM15HD102SN1D, Murata	6	B2,B3,B4,B5,B6,B7
65	Diode,Schottky,40V,2.5*1.25*0.65,SOD-323,WSB5543W-2/TR,WILL	1	D2201
66	ESD, two-way TVS, Vrwm=5V, 15pF, DFN1006-2, ST0561N4, SURSEMI (Shengbanger)	23	T29,T30,T48,T49,T50,T51,T52,T53,T80,T81,ESD7531,ESD7532,ESD7533,ESD7534,ESD7535,ESD7536,ESD7537,ESD7538,ESD7539,ESD7540,T10,T11,T12
67	ESD, bidirectional TVS, Vrwm=5V, 2.5pF, DFN1006-2, ST0541D4, SURSEMI (Shengbanger)	10	T27,T28,ESD7523,ESD7526,ESD7527,ESD7528,ESD7529,ESD7530,T87,T88
68	SAW,GPS+Glonass+Beidou,1559.05-1605.89MHz,1109,MS11U1G57-G3,Microgate	1	U2045
69	IC,LNA,GPS L1/L2/L5,DFN-6L,1.5*1.0*0.55mm,AW5005EDNR,AWINIC	1	U2046
70	IC,LDO,WLCSP6,P0.4,1.24*0.84*0.6mm,1A5.5V,MT6680P/A,MTK	1	U2003
71	IC,switching charger&OTG,3.0A,4x4x1mm,QFN24,ETA6963Q4Y,ETA	1	U1904
72	Thermistor crystal, 26MHz, 7pF, +/-10ppm, 2520, OZ26030001, TXC	1	X8101
73	FPC?ZIF connector, 0.5PH, 0.9H, 6pin, back locking type, OK-F501-06325,	1	J26
74	FPC ZIF connector, 0.3PH, 1.0H, 39pin, front locking type, OK-F302-39115,	1	J33

75	Double NANO Sim-Card+TF-Card (choose two from three) card frame, 1.35H on board, S106FBG1R-075-T, Shenghou	1	J1415
76	Shenghou	2	J1412,J1426
77	TF-Card card holder, 1.35H on board, T308FBF2R-042-T, Shenghou	1	J1414
78	Shielding clip, SUS301R, shielding material thickness 0.2, 6.5*1.28*0.8, 818003164, ECT	7	SLD2,SLD3,SLD4,SLD5,SLD6,SLD7,SLD8
79	Shield, T2311D-MR-BB-11, 51.93*42.41*1.55, T=0.2, stainless steel, fully coated	1	
80	Shield, G863D-MR-WCN-11, 17.23*9.57*1.25, T=0.2, silver-nickel copper	1	
81	Capacitor, 100nF, ±10%, 50V, X7R, 0402, 0402B104K500NT, UHOT	1	C6975
82	Capacitor, 1uF, ±10%, X5R, 25V, 0402, CL05A105KA5NQ5C, SAMSUNG	1	C6976
83	IC,OVP,Default5.95V,max:20V,FCQFN-	1	U2060
84	Resistor,0ohm,±5%,1/20W,0201,0201WMJ0000TEE,Uinohm	5	R90708,R90709,R90710,R90711,C10506
85	Capacitance, 33pF, ±5%, COG, 50V, 0201, 0201CG330J500NT, UHOT	1	C10507
86	Capacitor, 100nF, ±20%, X5R, 6.3V, 0201, 0201X104M6R3NT, UHOT	1	C10511
87	Inductor,12nH,±5%,0201,MGCI0603T12NJT-LF,MICROGATE	1	C10505
88	Inductor,15nH,±5%,0201,MGCI0603T15NJT-LF,MICROGATE	1	C10509
89	Inductor,18nH,±5%,0201,MGCI0603T18NJT-LF,MICROGATE	1	C10510
90	FPC ZIF connector, 0.5PH, 0.9H, 6pin, back locking type, OK-F501-06325,	1	J1429
91	IC,RF,SP4T Switch,0.4~3.8GHz,1.1*1.5*0.38mm,MXD8545A,MAXSCEND	1	U2079
92	Antenna shrapnel, 2.2*1.1*2.25, engineering height 1.6, ECTP075-00SA10R, Yikexun	3	J1430,J1431,J1432
93	RF connector (fourth generation), 4pin, Φ1.5/Φ0.45, 0.6H, 818000500, ECT	1	J1428
94	IC,BB+AP,LTE,CA,4Cortex-A53,2.0GHz,HD+,5M,11.4*11*0.9mm,MT8766V/WB,MTK	1	U1000
95	IC,PMIC,VFBGA209,P0.4,B0.25,7.0X6.6,MT6357MRV,MTK	1	U2001
96	IC,WCN,GPS+WIFI+BT+FM,MT6631N/A,MTK	1	U2043
97	Resistor,0ohm,±5%,1/20W,0201,0201WMJ0000TEE,Uinohm	14	R90826,R90827,R90818,R90819,R90820,R90821,R90822,R90823,R90824,R90825,R90806,R90807,R90808,R90809
98	IC,eMMC+LPDDR3,3.3V/1.2V/1.8V;64GB+4GB;FBGA221,KMRH60014A_B614,Samsung	1	U4405
99	Capacitor, 22uF, ±20%, X5R, 6.3V, 0402, CL05A226MQ6N6J8, Samsung	1	C2104
100	Resistor,0ohm,±5%,1/10W,0603,0603WAJ0000T5E,Uinohm	1	R2852
101	ZIF connector, pitch 0.5, height 1.5, 30PIN? Front lock flip cover, FPC05154-30PXGS, Lucky	1	J20
102	IC,LDO,UTDFN-1x1-4L,1.8V 300mA,20uA,BCT2036ELS18-TR,broadchip	1	U2056
103	IC,LDO,UTDFN-1x1-4L,3.3V 300mA,20uA,BCT2036ELS33-TR,broadchip	1	U2055
104	Resistor,0ohm,±5%,1/20W,0201,0201WMJ0000TEE,Uinohm	1	R4175

105	Resistor,0ohm,±5%,1/20W,0201,0201WMJ0000TEE,Uinohm	1	R4181
106	Capacitance, 100pF, ±5%, COG, 50V, 0201, 0201CG101J500NT, UHOT	1	C6944
107	Capacitor, 100nF, ±20%, X5R, 6.3V, 0201, 0201X104M6R3NT, UHOT	1	C6940
108	Capacitor, 10uF, ±20%, 6.3V, X5R, 0402, GRM155R60J106ME44D,	1	C6943
109	Capacitor, 1uF, ±10%, 50V, X5R, 0603, CL10A105KB8NNNC, SAMSUNG	1	C6941
110	Power inductor, 4.7uH, ±20%, Isat=1.45A, 3.0*3.0*1.5mm, dcr=120mohm, MPIT3015-4R7M-LF, MICROGATE	1	PL2014
111	Diode,Schottky,40V,2.5*1.25*0.65,SOD-323,WSB5543W-2/TR,WILL	1	D2206
112	Backlight IC, 10S LED, 2A, 38VOVP, 200mV, TDFN2x2-6L, AW9967DNR, AWINIC	1	U2053
113	Resistor, 2.2ohm, ±1%, 1/16W, 0402, 0402WGF220KTCE, Uinohm	2	R4154,R4155
114	Resistor,0ohm,±5%,1/20W,0201,0201WMJ0000TEE,Uinohm	5	R4125,R4126,R4127,R4128,R4129
115	IC,CTP controller,GSL3670,QFN52,6.0*6.0*0.8mm,Silead	1	U2050
116	FPC?ZIF connector, 0.3PH, 1.0H, 45pin, front locking type, BL125-45RL-TAGF, Rishen	1	J17
117	Capacitor, 1uF, ±20%, X5R, 6.3V, 0201, JMK063ABJ105MP-F, Taiyo	4	C7031,C7032,C10501,C10502
118	Resistor,0ohm,±5%,1/16W,0402,0402WGGJ0000TCE,Uinohm	2	R4326,R4327
119	FPC ZIF connector, 0.3PH, 1.0H, 25pin, front locking type, OK-F302-25115,	1	J34
120	Capacitor, 1uF, ±20%, X5R, 6.3V, 0201, JMK063ABJ105MP-F, Taiyo	1	C40129
121	Resistor,100Kohm,±5%,1/20W,0201,0201WMJ0104TEE,Uinohm	2	R90794,R90791
122	IC,LDO,UTDFN-1x1-4L,3.3V 300mA,20uA,BCT2036ELS33-TR,broadchip	1	U6032
123	Resistor, 7.5ohm, ±5%, 1/10W, 0603, RC0603JR-077R5L, Yageo	2	R90793,R90792
124	Resistor,10Kohm,±5%,1/20W,0201,0201WMJ0103TEE,Uinohm	1	R90790
125	N_MOS tube, VDS=30V, VGS=±20V, Id=5.5A, SSC8036GS6B, SOT23, AF (Jingyue)	1	Q6051
126	ESD, two-way TVS, Vrwm=5V, 15pF, DFN1006-2, ST0561N4, SURSEMI (Shengbanger)	1	T25
127	Capacitance, 33pF, ±5%, COG, 50V, 0201, 0201CG330J500NT, UHOT	2	C10498,C10500
128	Capacitance, 100pF, ±5%, COG, 50V, 0201, 0201CG101J500NT, UHOT	1	C10499
129	Capacitor, 1uF, ±20%, X5R, 6.3V, 0201, JMK063ABJ105MP-F, Taiyo	3	C6887,C6889,C6892
130	Capacitor, 4.7uF, ±20%, X5R, 6.3V, 0402, JMK105BBJ475MV-F, Taiyo	1	C6890
131	Resistor, 1Kohm, ±5%, 1/20W, 0201, 0201WMJ0102TEE, Uinohm	2	R4101,R4103
132	Resistor, 1.5Kohm, ±1%, 1/20W, 0201, 0201WMF1501TEE, Uinohm	2	R4102,R4104
133	ESD, two-way TVS, Vrwm=5V, 15pF, DFN1006-2, ST0561N4, SURSEMI (Shengbanger)	2	T89,T90
134	Wire-to-board connector, 2P, 0.8PH, 3.78*2.7*1.7, YKPH08-02PWS, Lucky	1	J1427
135	Capacitance, 33pF, ±5%, COG, 50V, 0201, 0201CG330J500NT, UHOT	2	C6909,C6914

136	Capacitance, 100pF, ±5%, COG, 50V, 0201, 0201CG101J500NT, UHOT	2	C6911,C6912
137	Capacitor, 100nF, ±20%, X5R, 6.3V, 0201, 0201X104M6R3NT, UHOT	3	C6904,C6910,C6913
138	Capacitor, 2.2uF, ±20%, 6.3V, X5R, 0402, CL05A225MQ5NNNC, SAMSUNG	2	C6906,C6907
139	Capacitor, 4.7uF, ±20%, X5R, 16V, 0402, CC0402MRX5R7BB475, Yageo	1	C6908
140	Capacitor, 10uF, ±20%, 6.3V, X5R, 0402, GRM155R60J106ME44D,	1	C6905
141	Resistor,0ohm,±5%,1/20W,0201,0201WMJ0000TEE,Uinohm	1	R4113
142	Resistor,10Kohm,±5%,1/20W,0201,0201WMJ0103TEE,Uinohm	2	R4111,R4114
143	Resistor,0ohm,±5%,1/10W,0603,0603WAJ0000T5E,Uinohm	2	R4112,R4115
144	ESD, bidirectional TVS, 21pF, 7V max, DFN1006-2L, PESDNC2FD7VB,	2	T19,T20
145	IC,AUDIO,PA,Class T,1.58x1.63x0.576mm,WCSP-14L,BCT8937TEWD-TR,BROADCHIP	1	U2048
146	Wire-to-board connector, 2P, 0.8PH, 3.78*2.7*1.7, YKPH08-02PWS, Lucky	1	J14
147	Capacitance, 33pF, ±5%, COG, 50V, 0201, 0201CG330J500NT, UHOT	2	C6919,C6925
148	Capacitance, 100pF, ±5%, COG, 50V, 0201, 0201CG101J500NT, UHOT	2	C6922,C6923
149	Capacitor, 100nF, ±20%, X5R, 6.3V, 0201, 0201X104M6R3NT, UHOT	3	C6915,C6920,C6924
150	Capacitor, 2.2uF, ±20%, 6.3V, X5R, 0402, CL05A225MQ5NNNC, SAMSUNG	2	C6917,C6918
151	Capacitor, 4.7uF, ±20%, X5R, 16V, 0402, CC0402MRX5R7BB475, Yageo	1	C6921
152	Capacitor, 10uF, ±20%, 6.3V, X5R, 0402, GRM155R60J106ME44D,	1	C6916
153	Resistor,0ohm,±5%,1/20W,0201,0201WMJ0000TEE,Uinohm	1	R4119
154	Resistor,10Kohm,±5%,1/20W,0201,0201WMJ0103TEE,Uinohm	2	R4117,R4120
155	Resistor,0ohm,±5%,1/10W,0603,0603WAJ0000T5E,Uinohm	2	R4118,R4121
156	ESD, bidirectional TVS, 21pF, 7V max, DFN1006-2L, PESDNC2FD7VB,	2	T21,T22
157	IC,AUDIO,PA,Class T,1.58x1.63x0.576mm,WCSP-14L,BCT8937TEWD-TR,BROADCHIP	1	U2049
158	Wire-to-board connector, 2P, 0.8PH, 3.78*2.7*1.7, YKPH08-02PWS, Lucky	1	J15
159	3.5MM headphone holder, bevel 3.5, anti-sink plate 1.9, 106310132, Jinbilai	1	J32
160	Wire-to-board connector, 2P, 0.8PH, 3.78*2.7*1.7, YKPH08-02PWS, Lucky	1	J25
161	Resistor,0ohm,±5%,1/20W,0201,0201WMJ0000TEE,Uinohm	5	R4260,R4262,R4268,R4263,R4269
162	IC,G-sensor,3 Axis,12bit,2x2x1.0mm,LGA-12,STK8321;Sensortek	1	U2065
163	IC, Hall, Micro Power Omnipolar, SOT553, OCH166ASTAD, OCS	1	U2069
164	Wire-to-board connector, 5P, 1.25PH, 11.4*5.5*1.85, YKPH125-18505PWS, Lucky	1	J1
165	Bidirectional TVS,EOS,DFN_2x2_3L,2.1x2.1x0.65mm,Vrwm=4.5V,PTVSHC3N4V5B,Prise	1	D2202
166	TVS,DFN_2x2_3L,2.1x2.1x0.65mm,12V,ESD5641D12_3/TR,WILL	1	D2210
167	Resistor,0ohm,±5%,1/20W,0201,0201WMJ0000TEE,Uinohm	1	R4085

168	Antenna shrapnel, 2.2*1.1*2.25, engineering height 1.6, ECTP075-00SA10R, Yikexun	2	J8,J9
169	TYPE-C, 16PIN, sinking plate 1.6MM, four pins fully inserted, with spot welding, 6.5*8.94*3.16, UA17T16GBAZL2-5, Jinghe	1	J31
170	FPC?ZIF connector, 0.5PH, 0.9H, 6pin, back locking type, OK-F501-06325,	1	J23
171	Resistor,0ohm,±1%,1/10W,0603,0603WAF0000T5E,Uinohm	1	R4298
172	Capacitor, 1.0pF, ±0.1pF, COG, 50V, 0201, C0201C0G1R0B500NTA,	3	M270,C6780,C6781
173	Capacitor, 1.2pF, ±0.1pF, COG, 50V, 0201, C0201C0G1R2B500NTA,	2	C6795,C6796
174	Capacitance, 2.0pF, ±0.1pF, COG, 50V, 0201, C0201C0G2R0B500NTA,	2	M289,M290
175	Capacitor, 3.3PF, ±0.1pF, COG, 50V, 0201, 0201CG3R3B500NT, UHOT	2	C6775,C6776
176	Capacitance, 8.2pF, ±0.25pF, COG, 50V, 0201, C0201C0G8R2C500NTA, EYANG	1	C6794
177	Capacitance, 10pF, ±5%, COG, 50V, 0201, 0201CG100J500NT, UHOT	1	C6797
178	Capacitance, 18pF, ±5%, COG, 50V, 0201, 0201CG180J500NT, UHOT	4	C6803,C6804,C6819,C6820
179	Capacitance, 27pF, ±5%, COG, 50V, 0201, 0201CG270J500NT, UHOT	2	C6788,C6789
180	Capacitance, 33pF, ±5%, COG, 50V, 0201, 0201CG330J500NT, UHOT	9	M141,M142,M281,C6774,C6779,C6802,C6806,C6808,M266
181	Capacitance, 100pF, ±5%, COG, 50V, 0201, 0201CG101J500NT, UHOT	4	C6782,C6784,C6785,C6791
182	Capacitor, 220pF, ±20%, X5R, 50V, 0201, C0201X5R221M500NTA, EYANG	1	C6800
183	Capacitor, 1nF, ±10%, X7R, 50V, 0201, 0201B102K500NT, Yageo	3	C6787,C6798,C6801
184	Capacitor,10nF,20%,X7R,10V,0201,0201B103M100NT,UHOT	3	C6805,C6817,C6818
185	Capacitor, 100nF, ±20%, X5R, 6.3V, 0201, 0201X104M6R3NT, UHOT	7	C6764,C6765,C6766,C6767,C6768,C6769,C6786
186	Capacitor, 470nF, ±20%, 6.3V, X5R, 0201, C0201X5R474M6R3NTJ, EYANG	4	C6778,C6783,C6790,C6793
187	Capacitor, 1uF, ±20%, X5R, 6.3V, 0201, JMK063ABJ105MP-F, Taiyo	3	C6772,C6773,C6777
188	Capacitor, 4.7uF, ±20%, X5R, 6.3V, 0402, JMK105BBJ475MV-F, Taiyo	3	C6770,C6771,C6792
189	Capacitor, 22uF, ±20%, 6.3V, X5R, 0603, CL10A226MQ8NRNC, SAMSUNG	1	C6799
190	Inductor, 2.0nH, ±0.1nH, 0201, LQP03TG2N0B02D, Murata	1	C6810
191	Inductor, 3.0nH, ±0.1nH, 0201, LQP03TG3N0B02D, Murata	2	M287,M291
192	Inductor, 3.3nH, ±0.1nH, 0201, LQP03TG3N3B02D, Murata	1	L13
193	Inductor, 4.7nH, ±5%, 0201, LQP03TG4N7J02D, Murata	1	L12
194	Inductor, 9.1nH, ±5%, 0201, MGCI0603T9N1JT-LF, MICROGATE	1	L20
195	Inductor,47nH,±5%,0201,MGCI0603T47NJT-LF,MICROGATE	2	M145,M268
196	Resistor,0ohm,±5%,1/20W,0201,0201WMJ0000TEE,Uinohm	5	M271,M276,R4296,R4300,R90800
197	Resistor, 18ohm, ±5%, 1/20W, 0201, KOA, 0201WMJ0180TEE, Uinohm	1	R4050
198	Resistor, 100ohm, ±5%, 1/20W, 0201, 0201WMJ0101TEE, Uinohm	1	R4059
199	Resistor, 300ohm, ±1%, 1/16W, 0201, KOA, RC0201FR-07300RL, Yageo	2	R4052,R4053
200	Resistor, 2Kohm, ±1%, 1/20W, 0201, 0201WMF2001TEE, Uinohm	1	R4051
201	Resistor, 6.98Kohm, ±1%, 1/20W, 0201, 0201WMF6981TEE, Uinohm	1	R4058

202	Resistor,0ohm,±5%,1/16W,0402,0402WGJ0000TCE,Uinohm	2	R4054,R4055
203	IC,RF,SP16T,TXM,5.5*5.3*0.74mm,OM8816-51,OnMicro	1	U2014
204	IC,RF,MMMBPA,4*6.8*0.75mm,Highpower,OM9902-31H,OnMicro	1	U2011
205	IC,RF,SP12T,MIPI,2.5*2.5*0.75mm,OM8719C-12,ONMICRO(?Ruiwei)	1	U2028
206	IC,RFTransceiver,MT6177M,MTK	1	U2009
207	RF connector (fourth generation), 4pin, Φ1.5/Φ0.45, 0.6H, 818000500, ECT	1	J2
208	Shielding cover, G863D-MR-RF1-11, 30*17.95*1.55, T=0.2, silver-nickel	1	
209	Shield,T2311D-MR-RF2-11,13.63*10.15*1.55,T=0.2,metallic copper	1	
210	Resistor,0ohm,±5%,1/20W,0201,0201WMJ0000TEE,Uinohm	3	R4301,R4305,R4308
211	Inductor, 2.0nH, ±0.1nH, 0201, LQP03TG2N0B02D, Murata	1	R4304
212	Capacitance, 33pF, ±5%, COG, 50V, 0201, 0201CG330J500NT, UHOT	1	M140
213	RF connector, third generation Coaxial?Connectors?with?Switch,818011998,ECT	1	J5
214	Antenna shrapnel, 2.2*1.1*2.25, engineering height 1.6, ECTP075-00SA10R, Yikexun	3	J4,J6,J7
215	IC,RF,SP4T Switch,37dBm,1.1*1.1*0.45mm,MXD8648,Maxscend	1	U2015
216	Inductor,12nH,±5%,0201,MGCI0603T12NJT-LF,MICROGATE	1	C6807
217	Capacitance, 33pF, ±5%, COG, 50V, 0201, 0201CG330J500NT, UHOT	1	M274
218	IC,RF,SP3T Switch,36dBm,0.1-3GHZ,1.15*1.15mm,MXD8638C,Maxscend	1	U2074
219	电容,33pF,±5%,COG,50V,0201,0201CG330J500NT,UHOT	1	C7019
220	Inductor,5.6nH,±5%,0201,LQP03TG5N6J02D,Murata	1	M327
221	Inductor,18nH,±5%,0201,MGCI0603T18NJT-LF,MICROGATE	1	M326
222	IC,RF,SP3T Switch,36dBm,0.1-3GHZ,1.15*1.15mm,MXD8638C,Maxscend	1	U2071
223	Capacitance, 18pF, ±5%, COG, 50V, 0201, 0201CG180J500NT, UHOT	1	C6812
224	Inductor, 2.0nH, ±0.1nH, 0201, LQP03TG2N0B02D, Murata	1	M297
225	Capacitance, 33pF, ±5%, COG, 50V, 0201, 0201CG330J500NT, UHOT	1	M236
226	Resistor,0ohm,±5%,1/20W,0201,0201WMJ0000TEE,Uinohm	1	M298
227	Inductor, 3.9nH, ±0.2nH, 0201, LQP03TG3N9C02D, Murata	1	M302
228	Duplexer,Band2,Unbalance,1.8*1.4mm,RAD1960B0K-MC,Sanan	1	U2018
229	Capacitor, 1.8pF, ±0.1pF, COG, 50V, 0201, 0201CG1R8B500NT, UHOT	1	M228
230	Capacitor, 2.7pF±0.1pF, COG, 50V, 0201, C0201C0G2R7B500NTA, EYANG	1	M106
231	Capacitance, 22pF, ±5%, COG, 50V, 0201, 0201CG220J500NT, UHOT	1	C6815
232	Inductor, 1.8nH, ±0.1nH, 0201, LQP03TG1N8B02D, Murata	1	M107
233	Inductor, 4.3nH, ±0.3nH, 0201, MGCI0603T4N3ST-LF, MICROGATE	1	M110
234	Inductor, 2.4nH, ±0.1nH, 0201, LQP03TG2N4B02D, Murata	1	M108
235	Inductor, 2.0nH, ±0.1nH, 0201, LQP03TG2N0B02D, Murata	1	M224
236	Resistor,0ohm,±5%,1/20W,0201,0201WMJ0000TEE,Uinohm	1	M105



237	Duplexer,Band3,Unbalance,1.8*1.4mm,RAD1843B09,Sanan	1	U2021
238	Capacitor, 2.7pF±0.1pF, COG, 50V, 0201, C0201C0G2R7B500NTA, EYANG	1	M117
239	Capacitance, 22pF, ±5%, COG, 50V, 0201, 0201CG220J500NT, UHOT	1	C6816
240	Inductor, 1.8nH, ±0.1nH, 0201, LQP03TG1N8B02D, Murata	2	M122,M239
241	Inductor, 2.2nH, ±0.1nH, 0201, LQP03TG2N2B02D, Murata	1	M123
242	Inductor, 2.4nH, ±0.1nH, 0201, LQP03TG2N4B02D, Murata	1	M131
243	Capacitance, 12pF, ±5%, COG, 50V, 0201, 0201CG120J500NT, UHOT	1	M118
244	Capacitor, 1.0pF, ±0.1pF, COG, 50V, 0201, C0201C0G1R0B500NTA,	1	M241
245	Duplexer,Band66,Unbalance,1.8*1.4mm,B39222B1236L210,EPCOS	1	U2023
246	Capacitor, 1.5pF, ±0.1pF, COG, 50V, 0201, C0201C0G1R5B500NTA,	1	M213
247	Capacitance, 33pF, ±5%, COG, 50V, 0201, 0201CG330J500NT, UHOT	1	C6811
248	Inductor, 2.4nH, ±0.1nH, 0201, LQP03TG2N4B02D, Murata	1	M295
249	Inductor,5.6nH,±5%,0201,LQP03TG5N6J02D,Murata	1	M296
250	Inductor, 2.2nH, ±0.1nH, 0201, LQP03TG2N2B02D, Murata	1	M211
251	Inductor, 9.1nH, ±5%, 0201, MGCI0603T9N1JT-LF, MICROGATE	1	M293
252	Inductor, 1.8nH, ±0.1nH, 0201, LQP03TG1N8B02D, Murata	1	M285
253	Duplexer,Band5,Unbalance,1.8*1.4mm,LBD0882B0G,Sanan	1	U2017
254	Capacitance, 33pF, ±5%, COG, 50V, 0201, 0201CG330J500NT, UHOT	2	C6813,M299
255	Inductor, 1.0nH, ±0.2nH, 0201, MGCI0603T1N0CT-LF, Microgate	1	M304
256	Inductor, 2.0nH, ±0.1nH, 0201, LQP03TG2N0B02D, Murata	1	M308
257	Inductor, 2.2nH, ±0.1nH, 0201, LQP03TG2N2B02D, Murata	1	M255
258	Duplexer,Band7,Unbalance,1.8*1.4mm,LBD2655B12-MC,Sanan	1	U2019
259	Inductor, 27nH, ±5%, 0201, MGCI0603T27NJT-LF, MICROGATE	1	M219
260	Capacitance, 33pF, ±5%, COG, 50V, 0201, 0201CG330J500NT, UHOT	2	C6814,M217
261	Inductor,5.6nH,±5%,0201,LQP03TG5N6J02D,Murata	2	M309,M104
262	Inductor,18nH,±5%,0201,MGCI0603T18NJT-LF,MICROGATE	1	M101
263	Inductor, 1.5nH, ±0.1nH, 0201, LQP03TG1N5B02D, Murata	1	M305
264	Duplexer,Band8,Unbalance,1.8*1.4mm,RAD0943B0Q,Sanan	1	U2020
265	Capacitor, 2.2pF, ±0.1pF, COG, 50V, 0201, C0201C0G2R2B500NTA,	1	M222
266	Inductor,5.6nH,±5%,0201,LQP03TG5N6J02D,Murata	1	M115
267	Resistor,0ohm,±5%,1/20W,0201,0201WMJ0000TEE,Uinohm	1	M111
268	Inductor, 8.2nH, ±3%, 0201, LQP03TG8N2H02D, MURATA	2	M114,M220
269	Duplexer,Band12,Unbalance,1.8*1.4mm,NDFE012-0707XA,HuaYing	1	U2022
270	Inductor, 2.2nH, ±0.1nH, 0201, LQP03TG2N2B02D, Murata	1	M318
271	Inductor, 1.0nH, ±0.2nH, 0201, MGCI0603T1N0CT-LF, Microgate	1	M324
272	Capacitance, 3.9pF, ±0.1pF, COG, 50V, 0201, C0201C0G3R9B500NTA,	1	M321
273	Inductor,12nH,±5%,0201,MGCI0603T12NJT-LF,MICROGATE	1	M322

274	Duplexer,Band13,Unbalance,1.8*1.4mm,B39781B8620P810,RF360	1	U2073
275	Capacitor, 2.2pF, $\pm 0.1$ pF, COG, 50V, 0201, C0201C0G2R2B500NTA,	1	M234
276	Inductor, 2.0nH, $\pm 0.1$ nH, 0201, LQP03TG2N0B02D, Murata	1	M121
277	Inductor,5.6nH, $\pm 5\%$ ,0201,LQP03TG5N6J02D,Murata	1	M231
278	Inductor,10nH, $\pm 5\%$ ,0201,MGCI0603T10NJT-LF,MICROGATE	1	M132
279	Capacitance, 47pF, $\pm 5\%$ , COG, 50V, 0201, 0201CG470J500NT, UHOT	1	M130
280	Duplexer,Band71,Unbalance,1.8*1.4mm,B39681B1266P810,RF360	1	U2025
281	Resistor,0ohm, $\pm 5\%$ ,1/20W,0201,0201WMJ0000TEE,Uinohm	1	M258
282	Inductor, 2.0nH, $\pm 0.1$ nH, 0201, LQP03TG2N0B02D, Murata	2	M261,M259
283	Capacitance, 0.5pF, $\pm 0.1$ pF, COG, 50V, 0201, C0201C0G0R5B500NTA,	1	M263
284	Filter,BAND41 Tx/RX(BW 194MHz),1109,EP7241F,EPIC	1	U2013
285	Capacitance, 2.0pF, $\pm 0.1$ pF, COG, 50V, 0201, C0201C0G2R0B500NTA,	2	M155,M156
286	Capacitance, 33pF, $\pm 5\%$ , COG, 50V, 0201, 0201CG330J500NT, UHOT	1	M150
287	Inductor, 2.0nH, $\pm 0.1$ nH, 0201, LQP03TG2N0B02D, Murata	1	M151
288	Inductor, 9.1nH, $\pm 5\%$ , 0201, MGCI0603T9N1JT-LF, MICROGATE	2	M154,M157
289	Resistor,0ohm, $\pm 5\%$ ,1/20W,0201,0201WMJ0000TEE,Uinohm	1	M158
290	Capacitance, 33pF, $\pm 5\%$ , COG, 50V, 0201, 0201CG330J500NT, UHOT	1	C6824
291	Inductor, 1.2nH, $\pm 0.1$ nH, 0201, LQP03TG1N2B02D, Murata	1	M160
292	Filter,Band66,Rx,Unbalance,1109,RHFR11CA66AUB001,TDG	1	U2031
293	Capacitance, 8.2pF, $\pm 0.25$ pF, COG, 50V, 0201, C0201C0G8R2C500NTA, EYANG	1	C6828
294	Inductor, 1.5nH, $\pm 0.1$ nH, 0201, LQP03TG1N5B02D, Murata	1	M170
295	Inductor, 1.8nH, $\pm 0.1$ nH, 0201, LQP03TG1N8B02D, Murata	1	M169
296	Filter,Band2Rx,Unbalance,1930-1990MHz,1109,SFHG60CA002,Wisol	1	U2034
297	Capacitance, 27pF, $\pm 5\%$ , COG, 50V, 0201, 0201CG270J500NT, UHOT	1	C6821
298	Capacitance, 39pF, $\pm 5\%$ , COG, 50V, 0201, 0201CG390J500NT, UHOT	1	M149
299	Inductor,7.5nH, $\pm 5\%$ ,0201,MGCI0603T7N5JT-LF,MICROGATE	1	M148
300	Inductor,12nH, $\pm 5\%$ ,0201,MGCI0603T12NJT-LF,MICROGATE	1	M152
301	Filter,Band 5 Rx,Unbalance,1109,NDFH005-0881SA,CETC	1	U2030
302	Inductor, 1.5nH, $\pm 0.1$ nH, 0201, LQP03TG1N5B02D, Murata	1	M166
303	Inductor, 2.0nH, $\pm 0.1$ nH, 0201, LQP03TG2N0B02D, Murata	1	M165
304	Resistor,0ohm, $\pm 5\%$ ,1/20W,0201,0201WMJ0000TEE,Uinohm	1	C6827
305	Filter,Band7,Rx,Unbalance,1109,RHFR11CA07AUB001,TDG	1	U2033
306	Capacitance, 39pF, $\pm 5\%$ , COG, 50V, 0201, 0201CG390J500NT, UHOT	1	C6829
307	Inductor, 3.3nH, $\pm 0.1$ nH, 0201, LQP03TG3N3B02D, Murata	1	M172
308	Inductor,10nH, $\pm 5\%$ ,0201,MGCI0603T10NJT-LF,MICROGATE	1	M171
309	Inductor,15nH, $\pm 5\%$ ,0201,MGCI0603T15NJT-LF,MICROGATE	1	M175

310	Filter,Band 12&13Rx,729-756MHz,Unbalance,1109,SFH742AA402,Wisol	1	U2035
311	Capacitance, 39pF, ±5%, COG, 50V, 0201, 0201CG390J500NT, UHOT	1	C6832
312	Inductor, 3.3nH, ±0.1nH, 0201, LQP03TG3N3B02D, Murata	1	M184
313	Inductor,10nH,±5%,0201,MGCI0603T10NJT-LF,MICROGATE	1	M183
314	Inductor,15nH,±5%,0201,MGCI0603T15NJT-LF,MICROGATE	1	M187
315	Filter,Band71,Rx,Unbalance,1109,B39631B7517P810,RF360	1	U2038