

Item	Part Name	Description	Mfr Part Number	Quantity	Reference
1	baseband IC	1GHz frequency//576-pinNSP/0.4 mm pitch /11*11*H1.05mm	MSM7225A-0-576NSP-AB	1	U0401
2	Gold Capacitor	SMT//3.3V 5uA//3.8*D3.8*H1.4mm	XH311HG-IV07E	1	U1003
	Gold Capacitor	SMT//3.3V 10uA//3.8*D3.8*H1.1mm	PAS311HR-VG1		
3	G-SENSOR	LGA-12/2.0*2.0*1.0mm//1.2-3.6V	BMA250	1	U1601
	G-SENSOR	LGA-12/2.0*2.0*1.0mm//1.2-3.6V	BMA250E		
	G-SENSOR	LGA-12/2.0*2.0*1.0mm//1.2-3.6V	BMA222E		
4	XO	32.768KHz//7PF//±20PPM//7.0*1.5*1.4mm	Q13MC1461000100	1	X1201
	XO	32.768KHz//7PF//±20PPM//7.0*1.5*1.4mm	Q13MC1462000100		
	XO	Crystal;32.768K;+/-20ppm;7.5pf;6.9*1.4mm	SSP-T7-FE-7pf		
5	VCTCXO	dsa321sc 19.2MHZ 2.8v //2.0ppm/10K10pF//3.2*2.5*H1.0mm	1XTV19200ACH	1	X2801
	VCTCXO	dsa321sc 19.2MHZ 2.8v //2.0ppm/10K10pF//3.2*2.5*H0.9mm	ENG3088A		
	VCTCXO	19.2MHZ 2.8V//+/-1.5(max)//3.2*2.5*H1.0mm	KT3225P19200DCV28KNO		
6	FPC Connector	8pin//SMT0.5mm//0.2mmFPC//6.0*3.4*H0.9mm	XF2U-0815-3A	1	CN1502
7	FPC Connector	6pin//SMT0.5mm//0.3mmFPC//5*3.4*H1.1mm	XF2W-0615-1A	2	CN1601, CN1901
8	RF Connector	SMT//2.0*2.0*H0.85mm	C89-104-1	1	CN2201
9	MIC	SMT// -44±3dB//Zo=2.2K//Φ4.0×1.3mm	ACMG4013-05S-443-006	1	B1903
	MIC	SMT// -44±3dB//Zo=2.2K//Φ4.0×1.3mm	S04013S-C103R390-443		
10	PMIC	0.4 mm pitch, 140 WLNSP, 4.77*4.54*H0.55mm	PM8029-0-140WLNSP	1	U1001
11	LDO	SOT-23-5L//Vout :1.8V//300mA//3*1.7*H1.25mm	RP114N181D-TR-FE	1	U1301

12	LDO	Vin1.6~ 5.5V//3.3V//300mA//SOT23-5	XC6228D332VR-G	1	U3206
	LDO	SOT-23-5L//Vout :3.3V //300mA//3*1.7*H1.25mm	WL2003E33G-5/TR		
	LDO	SOT-23-5L//Vout :3.3V//300mA//3*1.7*H1.25mm	RP114N331D-TR-FE		
13	Dual LDO	Dual LDO, Vout:1.2V/1.8V, SOT-23-6	RP152N004B-TR-F	1	U3302
	Dual LDO	Dual, Vout:1.2V/1.8V, SOT-23-6	SGM2027-AAAYTN6G/TR		
14	Dual LDO	SOT-26W/Dual-LDO, 1.8V/2.8V,	XC6401FF20MRN	1	U2001
	Dual LDO	150mA, 1.8V/2.8V	RP152N002B-TR-F		
15	EMCP	4GB+4Gb//153-ball TFBGA, 11.5*13*H0.9mm	H9DP32A4JJACGR	1	U1401
	EMCP	4GB+4Gb//153-ball TFBGA, 11.5*13*H0.9mm	KMSJS000KM-B308		
16	backlight drive IC	2.7-5.5V//1MHz//TSOT-23-6, 2.92*2.8 (1.65) *H0.75mm	SN3506A	1	U1501
17	Audio Power Amplifier	3.2W Mono Filter-Free Class-D Audio Power Amplifier//1.214*1.16*H0.625mm	TPA2011D1YFFR	1	U1901
18	LED drive IC	2.7~5.5V//Io750mA//DFN-10, 3*3*H0.85mm	SN3231	1	U2002
19	RF IC	QUAD-BAND GSM POLAR EDGE TXM, 2 RX AND 3 UMTS SWITCH PORTS//7x6xH1mm	RF3228	1	U2201
20	GNSS-LNA	6PIN//GNSS LNA//1.5- 3.6V//1.1*0.7*H0.4mm	BGA925L6	1	U2601
21	RF Transceiver IC	RF Transceiver IC//137 CSP, 7*7*H1.03 mm	RTR6285A-0-137CSP	1	U2701
22	BT&FM SWITCH IC	3.22*3.3*H0.63 58PIN WLNSP	WCN2243-0-58BWLNSP	1	U3102
23	WIFI IC	Support 2.4G, IEEE 802.11 b/g/n//V1.8V, 3.3V//3.565x3.525xH 0.545mm	AR6005	1	U3201
24	BT&WiFi SWITCH IC	BT&WiFi SWITCH//IEEE 802.11//2.5*3.0*1.0mm	B30811-D6106-Y419	1	U3202
	BT&WiFi SWITCH IC	BT&WiFi SWITCH//IEEE 802.11//2.5*3.0*1.0mm	B30810-D2034-Y419		

	BT&WiFi SWITCH IC	BT&WiFi SWITCH//IEEE 802.11//2.5*3.0*1.0mm	B30810-D2037-Y419		
25	DTV IC	1.2V//40PIN, BGA, 4*4*H0.6mm	NMI326ADA	1	U3300
26	SAW DPX	TX836.5MHz//RX881.5MHz//2.5*2.0*H0.68mm 50R//2nH	B39881B7923P810	1	FIL2301
27	SAW FILTER	TX836.5MHz//unbalance//50/500hm//1.35*1.05*H0.5mm(5pin)	SAFEB836MAL0F00R15	1	FIL2302
28	SAW DPX	1950.0 / 2140.0 MHz//2.5*2.0*H0.89mm(9pin)	B39212B7962P810	1	FIL2401
29	SAW FILTER	WCDMA- TX1950MHz//unbalance//500hm//1.35*1.05*H0.6mm(5pin)	SAFEB1G95KA0F00R15	1	FIL2402
30	SAW FILTER	TX1880MHz//unbalance//50/500hm//1.35*1.05*H0.6mm(5pin)	SAFEB1G88KA0F00R15	1	FIL2502
31	SAW FILTER	GPS- RX1575.42MHz//unbalance//50/500hm//1.35*1.05*H0.6mm(5pin)	SAFEB1G57KD0F00R15	2	FIL2601, FIL2602
32	DPX	2450.00 ± 50.00 MHz/1575.50 ± 1.50 MHz//1.6*0.8*H0.6mm	LFD181G57DPFC087	1	FIL2603
33	SAW FILTER	GSM HB 1-in-4 out dual SAW	B9513	1	FIL2702
34	SAW FILTER	GSM LB 1-in-4 out dual SAW	B9512	1	FIL2703
35	SAW FILTER	WCDMA- RX2140MHz//balance//50R/100R//1.35*1.05*H0.6mm(5pin)	SAFEB2G14FB0F00R15	1	FIL2704
36	XO	32M/3225/12PF/±10PPm	7V32000035	1	X3300
	XO	32.000MHz//12.0 Pf//±10ppm//3.2x2.5x H0.65mm	X3S032000BC1HZ-NU		
37	BAT Connector	3pin+2//10.4*6.8(5.0)*H4.7mm	PAN25-03186-S100	1	CN1001
38	FPC Connector		XF3H-2555-31A	1	CN1501
39	USB Connector	MICRO- USB//5pin+4L9.95*5.85(6.8)*H2.4(3.0)mm	UAF95-05164-SF07	1	CN1701
40	TF Connector	8pin+4//SMT P-P//11.4*5.5*3.0mm	CAF11-08303-SF07	1	CN1702
41	SIM Connector	SMT- 6pin+4//SMT//16.4*16.1*H1.8(0.7)mm	KWS6186M5NR	1	CN1801

42	24PIN Connector	24PIN, 0.4, 7.3*3.6*(H)1.0mm	AXT524124	2	CN2001, CN2002
43	EARPHONE-JACK	6PIN//3.5mm PHONE JACK H=4.2mmSMT+DIP//13*8.7*H4.2mm	JAF00-05164-S137	1	J1902
44	VIBRATOR	SMT//2.3-3.2V//Zr=33±6Ω //65±10mA//14000±2500rpm//11x4 .4x3.5mm	MB3GS3205	1	MOTOR1200
45	RF Connector	SMT//3.0*3.0*H1.75mm	C90-101-0004	1	J2201
46	ANT Springtrip	1pin/pad stack=1.0*2.5mm, height1.8	P-JS-IT-18	4	ANT2601, ANT2602, ANT3301, ANT2603
47	WCDMA PA	3V W-CDMA BAND 2 LINEAR PA MODULE//10-Pin, 3mmx3mmx1.0mm	RF7222	1	U2501
48	SAW DPX	1880.0 / 1960.0 MHz//Package size2.5* 2.0*H0.94mm	B39202-B7970-P810	1	FIL2501
49	WCDMA PA	3V W-CDMA BAND 1 LINEAR PA MODULE//10-Pin, 3mmx3mmx1.0mm	RF7221	1	U2401
50	WCDMA PA	3V W-CDMA BAND 5 LINEAR PA MODULE//10-Pin, 3mmx3mmx1.0mm	RF7225	1	U2301
51	Schottky Diodes	SOD523 (SC- 79)//VR=30V//VF=0.6V/If=200mA	RB520SM-30GJT2R	1	D1201
	Schottky Diodes	SOD523//IR=0.1uA//VR=30V//VF=0.6 V/If=200mA	RB520S30-2/TR		
52	Schottky Diodes	SOD- 323//VRM=40V//VF=0.6V//If=1A//2. 5*1.25*H0.7mm	WSB5819W-2/TR	1	D1501
	Schottky Diodes	SOD- 323//VR=40V//Ir=50uA/Vf=0.57V//2 .5*1.3*H1.0mm	WSB5503W-2/TR		
53	NPN	VMT3//NPN//R1=4.7K//1.2*1.2*H0.5 mm	DTC143TM	2	Q1990, Q1991
54	PMOS	SOT23//PMOS//Vgs=- 1.8V, Rds=0.056R	A03415	1	Q1001
	PMOS	SOT23//PMOS//Vgs=- 1.8V, Rds=0.079R	NTR2101PT1G		
55	TVS	Vbr=6V, SOD923, 1.0 x 0.6 x 0.4mm	AOZ8231	7	DZ1001, DZ1002, DZ1701, V1901, V1902 , V1907, V1908
	TVS	Vbr=5.8V, SOD923, 1.0 x 0.6 x 0.4mm	ESD9B5.0ST5G		

56	dual-color LED	Lens:Water Clear, 1.5*1.6*H0.55mm	LTST-C195KGJRKT	1	LED1801
57	Schottky Diodes	Schottky Diodes//forward Voltage=0.35v//reverse current=10uA//forward current=100mA	RB521CS-30	1	D0501
58	Flash Light	Pd6.6W//Ifp1500mA//If350mA//ESD8KV//2.04x1.84xH0.7mm	EHP-C04-NT01A	1	D2002
	Flash Light	Po2.6W//Ifp1500mA//If350mA//ESD8KV//2.14x1.74xH0.75mm	LTPL-C064WD		
59	TVS		ESDOP2RF-02LRH	1	DZ3301
60	SMD Capacitor	COG, 0.5pF, 50V, ± 0.1 pF, 0201 (0.6*0.3*H0.3mm)	GRM0335C1HR50B	1	L2722
61	SMD Capacitor	COG, 0.5PF, 50V, ± 0.25 pf, 0402 (1*0.5*H0.5mm)	GRM1555C1HR50C	1	C2210
62	SMD Capacitor	COG, 1.0pF, ± 0.25 pF, 25V, 0201, T0.3mm	GRM0335C1E1ROC	1	L2717
63	SMD Capacitor	COG, 1PF, 50V, ± 0.25 pf, 0402 (1.0*0.5*H0.5mm)	GRM1555C1H1ROC	2	C3309, C2607
	SMD Capacitor	COG, 1PF, 50V, ± 0.25 pf, 0402, T0.5mm	UMK105CG010CV		
64	SMD Capacitor	COG, 1.2pF, 25V, ± 0.25 pF, 0201 (0.6*0.3*H0.3mm)	GRM0335C1E1R2C	1	C2410
65	SMD Capacitor	COG, 4.7pF, 25V, ± 0.25 pF, 0201 (0.6*0.3*H0.3mm)	GRM0335C1E4R7C	1	C2511
66	SMD Capacitor	COG, 3PF, 50V, ± 0.25 pf, 0402 (1.0*0.5*H0.5mm)	GRM1555C1H3ROC	1	C1703
	SMD Capacitor	COG, 3PF, 50V, ± 0.25 pf, 0402, T0.5mm	UMK105CG030CV		
67	SMD Capacitor	COG, 3.3PF, 50V, ± 0.25 pf, 0402, T0.5mm	UMK105CG3R3CV	1	C3311
	SMD Capacitor	COG, 3.3PF, 50V, ± 0.25 pf, 0402 (1.0*0.5*H0.5mm)	GRM1555C1H3R3C		
68	SMD Capacitor	COG, 3.9PF, 50V, ± 0.25 pf, 0402, T0.5mm	UMK105CG3R9CV	1	C3314
69	SMD Capacitor	COG, 5.6PF, ± 0.25 PF, 50V, 0402	C1005COG1H5R6C	1	C3310
	SMD Capacitor	COG, 5.6PF, 50V, ± 0.25 pf, 0402 (1.0*0.5*H0.5mm)	GRM1555C1H5R6C		

70	SMD Capacitor	COG, 5.6PF, 25V, ± 0.5 pf, 0201 (0.6*0.3*H0.3mm)	GRM0335C1E5R6D	1	C2311
71	SMD Capacitor	COG, 6.8PF, 50V, ± 0.5 pf, 0201 (0.6*0.3*H0.3mm)	GRM0335C1H6R8DD01D	2	C3232, C2414
72	SMD Capacitor	COG, 8.2PF, 25V, ± 0.25 pf, 0201 (0.6*0.3*H0.3mm)	GRM0335C1E8R2C	2	C3214, C2412
73	SMD Capacitor	COG, 6.8PF, 50V, ± 0.25 pf, 0402 (1.0* 0.5*H0.5mm)	GRM1555C1H6R8C	1	C2213
74	SMD Capacitor	COG, 10pF, $\pm 5\%$, 25V, 0201 (0.6*0.3*H0.3mm)	GRM0335C1E100J	8	C2708, C2716, C2717, C3110, C3238, C3 239, C3240, C3241
75	SMD Capacitor	COG, 12pF, $\pm 5\%$, 25V, 0201 (0.6*0.3*H0.3mm)	GRM0335C1E120J	1	C2204
76	SMD Capacitor	COG, 15PF, 25V, $\pm 5\%$, 0201 (0.6*0.3*H0.3mm)	GRM0335C1E150J	2	C3317, C3318
77	SMD Capacitor	COG, 18pf, $\pm 5\%$, 25V, 0201	C0603COG1E180J	1	C1009
	SMD Capacitor	COG, 18pF, $\pm 5\%$, 50V, 0201 (0.6*0.3*H0.3mm)	UMK063 CH180JT		
	SMD Capacitor	COG, 18pF $\pm 5\%$, 50V, 0201, T0.3mm	GRM0335C1H180J		
78	SMD Capacitor	COG, 22pF, 25V, $\pm 5\%$, 0201 (0.6*0.3*H0.3mm)	GRM0335C1E220J	8	C2304, C2305, C2314, C2404, C2405, C2 504, C2505, C2605
79	SMD Capacitor	COG, 22PF, 50V, $\pm 5\%$, 0402 (1.0*0.5*H0.5mm)	GRM1555C1H220J	1	C1504
	SMD Capacitor	COG, 22PF, 50V, $\pm 5\%$, 0402, T0.5mm	UMK105CG220JV		
80	SMD Capacitor	COG, 27PF, 50V, $\pm 5\%$, 0201 (0.6*0.3*H0.3mm)	GRM0335C1H270J	2	C2827, C3113
81	SMD Capacitor	COG, 33pF, 25V, $\pm 5\%$, 0201 (0.6*0.3*H0.3mm)	GRM0335C1E330J	43	C1204, C1702, C1901, C1902, C1907, C1 910, C1918, C1919, C1921, C1922, C192 7, C1930, C1931, C1934, C1942, C1943, C1952, C2006, C2202, C2205, C2206, C2 207, C2208, C2209, C2217, C2407, C240 9, C2507, C2515, C2609, C2709, C2715, C3115, C2303, C2403, C2503, L2720 , C2411, C2312, C2601, L2604, C3242, C 3237
82	SMD Capacitor	COG, 39pF, 25V, $\pm 5\%$, 0201 (0.6*0.3*H0.3mm)	GRM0335C1E390J	2	C2730, C2509

83	SMD Capacitor	COG, 47pF, 25V, $\pm 5\%$, 0201 (0.6*0.3*H0.3mm)	GRM0335C1E470J	3	C1936, C1937, C3112
84	SMD Capacitor	COG, 56pF, 25V, 0.6*0.3, $\pm 5\%$, 0201 (0.6*0.3*H0.3mm)	GRM0335C1E560J	2	C1008, C2718
85	SMD Capacitor	COG, 68pF, 25V, $\pm 5\%$, 0201 (0.6*0.3*H0.3mm)	GRM0335C1E680J	2	C2705, C2706
86	SMD Capacitor	COG, 100pF, $\pm 5\%$, 25V, 0201 (0.6*0.3*H0.3mm)	GRM0335C1E101J	23	C1007, C1920, C1929, C1932, C2306, C2307, C2309, C2316, C2318, C2406, C2418, C2420, C2506, C2516, C2518, C2611, C2734, C2740, C2741, C2742, C2750, C3202, C3203
87	SMD Capacitor	COG, 100PF, 50V, $\pm 5\%$, 0402 (1.0*0.5*H0.5mm)	GRM1555C1H101J	2	C3300, C3307
88	SMD Capacitor	X7R, 470PF, 25V, $\pm 10\%$, 0201 (0.6*0.3*H0.3mm)	GRM033R71E471KA01D	1	C3220
89	SMD Capacitor	COG, 150PF, 25V, $\pm 10\%$, 0201 (0.6*0.3*H0.3mm)	GRM033R71E151KA01D	4	C2701, C2702, C2703, C2704
90	SMD Capacitor	X7R, 1nF, 25V, $\pm 10\%$, 0201, T0.3mm	C0603X7R1E102K	17	C1420, C1422, C1426, C1428, C1430, C1432, C1434, C1435, C1438, C1938, C1955, C2739, C2823, C2826, C3204, C3208,
	SMD Capacitor	X7R, 1nF, 25V, $\pm 10\%$, 0201 (0.6*0.3*H0.3mm)	GRM033R71E102K		
91	SMD Capacitor	X5R, 2.2nF, 10V, $\pm 10\%$, 0201 (0.6*0.3*H0.3mm)	GRM033R61A222K	1	C0804
92	SMD Capacitor	X7R, 3.3NF, 16V, $\pm 10\%$, 0201 (0.6*0.3*H0.3mm)	GRM033R71C332KA88D	1	C1010
93	SMD Capacitor	X7R, 4.7NF, 10V, $\pm 10\%$, 0201 (0.6*0.3*H0.3mm)	GRM033R71A472KA01D	1	C1935
94	SMD Capacitor	X5R, 6.8NF, 10V, $\pm 10\%$, 0201 (0.6*0.3*H0.3mm)	GRM033R61A682K	1	C2737
95	SMD Capacitor	Rdc 0.6 Ω , Ir300mA, Q=14, 6.8nh, $\pm 5\%$, 0201 (0.6*0.3*0.3mm)	LQP03TN6N8J	1	L2605
	SMD Inductance	6.8nH, $\pm 3\%$, Rdc0.6ohm, Ir130mA, 600OMHz, Q=13, 0.6*0.3	LQP03TN6N8H		

96	SMD Capacitor	X5R, 10nF, 10V, , ±10%, 0201 (0.6*0.3*H0.3mm)	GRM033R61A103K	11	C1912, C1913, C2738, C2014, C2825, C3101, C3103, C3106, C3107, C3109, C3111
	SMD Capacitor	X7R, 10nF, 10V, ±10%, 0201 (0.6*0.3*H0.3mm)	GRM033R71A103K		
97	SMD Capacitor	X5R, 6.3V, 100nF, ±10%, 0201 (0.6*0.3*H0.3mm)	C0603X5R0J104K	100	C0505, C0802, C0839, C0840, C0841, C0842, C0843, C0844, C0845, C0846, C0847, C0848, C0849, C0850, C0859, C0862, C0863, C0875, C0876, C1601, C1602, C0
	SMD Capacitor	X5R, 6.3V, 100nF, ±10%, 0201 (0.6*0.3*H0.3mm)	GRM033R60J104K		
98	SMD Capacitor	0.47uF, ±20%, X5R, 4V, 0201	AMK063 BJ474MP	31	C0801, C0803, C0805, C0807, C0809, C0812, C0813, C0814, C0815, C0816, C081
99	SMD Capacitor	1uF, ±10%, 6.3V, X5R, 0402, T0.5mm	JMK105 BJ105KV	38	C0502, C0503, C1113, C1613, C1704, C1803, C1805, C1120, C1121, C1122, C1127, C1128, C1129, C1130, C1131, C1132,
	SMD Capacitor	X5R, 1uF, 6.3V, ±10%, 0402 (1*0.5*H0.5mm)	GRM155R60J105K		
100	SMD Capacitor	X7R, 1.0 μF, ±10%, 50V, 0805 (2.0*1.25*H1.25mm)	GRM21BR71H105K	1	C1503
101	SMD Capacitor	X5R, 2.2uF, ±20%, 6.3V, 0402 (1.0*0.5*H0.5mm)	C1005X5R0J225M	27	C1005, C1118, C1119, C1123, C1124, C1125, C1126, C1138, C3206, C3207, C3224, C1508, C1509, C1914, C1923, C2002, C2003, C2004, C2005, C2007, C2009, C2
	SMD Capacitor	2.2uF, ±20%, 6.3V, X5R, 0402 (1.0*0.5*H0.5mm)	JMK105 BJ225MV		
102	SMD Capacitor	X5R, 10V, 2.2uF, +80-20%, 0603	C1608X5R1A225K	2	C0402, C1001
	SMD Capacitor	Y5V, 10V, 2.2uF, 80-20%, 0603, T0.8mm	LMK107 F225ZA		
	SMD Capacitor	Y5V, 10V, 2.2uF, 80-20%, 0603 (1.6*0.8*H0.8mm)	GRM188F51A225Z		
103	SMD Capacitor	X5R, 4.7uF, 6.3V, ±10%, 0603, T0.8mm	C1608X5R0J475K	15	C1909, C2806, C2301, C2401, C2501, C1102, C1103, C1105, C1106, C1302, C2801, C2803, C2812, C2816, C3212
	SMD Capacitor	4.7uF, ±10%, X5R, 6.3V, 0603, T0.8mm	JMK107 BJ475KA		
	SMD Capacitor	X5R, 4.7uF, 6.3V, ±10%, 0603 (1.6*0.8*H0.8mm)	GRM188R60J475K		
104	SMD Capacitor	X5R, 6.3V, 4.7uF, ±20%, 0402 (1*0.5*H0.5mm)	GRM155R60J475ME87D	4	C1210, C2033, C3104, C3105
105	SMD Capacitor	X5R, 10uF, 10V, ±10% , 0805, 高	C2012X5R1A106K	2	C1013, C1701
	SMD Capacitor	X5R, 10 μF ±10%, 10V, 0805 (2.0*1.25*H1.25mm)	GRM21BR61A106K		

	SMD Capacitor	10uF, $\pm 10\%$, X5R, 10V, 0805 (2.0*1.25*H1.25mm)	LMK212 BJ106KG		
106	SMD Capacitor	X5R, 10UF, 6.3V, $\pm 20\%$, 0603, T0.8mm	C1608X5R0J106M	8	C1416, C1418, C3215, C3219, C1501, C2031, C1104, C2012
	SMD Capacitor	X5R, 10uF, $\pm 20\%$, 0603, T0.8mm	JMK107 BJ106MA		
	SMD Capacitor	X5R, 10UF, 6.3V, $\pm 20\%$, 0603 (1.6*0.8*H0.8mm)	GRM188R60J106M		
107	SMD Capacitor	X5R, 22uF, 6.3V, $\pm 20\%$, 0805, H0.85mm	C2012X5R0J226MTOJON	4	C1114, C1115, C1116, C1117
	SMD Capacitor	6.3V, $\pm 20\%$, X5R, 22uF, 0805, T0.85mm	JMK212 BJ226MD		
108	SMD Capacitor	47uF, $\pm 20\%$, X5R, 6.3V, 0805, T1.25mm	JMK212 BJ476MG	3	C0864, C0873, C1004
	SMD Capacitor	47uF, $\pm 20\%$, X5R, 6.3V, 2.0*1.25*H1.25mm	GRM21BR60J476ME15		
109	SMD Tantalum Capacitor	10uF, 6.3V, ESR6ohm, $\pm 20\%$, 2.0*1.25*H1.1mm	F920J106MPA	1	CP2202
110	SMD Tantalum Capacitor	100 μ F, $\pm 20\%$, 6.3V, 3.2*1.6*H0.8mm	F950J107MAAAQ2	1	C1002
111	SMD Ferrite Bead	Impedance600ohm $\pm 25\%$ /Rated Current1300mA/Rdc0.150ohm/0603	BLM18KG601SN1	1	FB1701
112	SMD Ferrite Bead	220R $\pm 25\%$, DCR0.7ohm, Ir0.2A, 1.0*0.5*H0.5mm	SZ1005G221	8	FB1901, FB1902, FB1905, FB1906, FB1907, FB1908, FB3201, FB3202
113	SMD Ferrite Bead	2.5K, $\pm 25\%$, 1608at100M, Rdc1.5Rohm, Ir50mA	BLM18BD252SN1	4	FB1911, FB1912, FB1913, FB1914
114	SMD Ferrite Bead	1800R, $\pm 25\%$, RDC2.2ohm, Ir200mA, 1.0 \times 0.5mm \times H0.5mm	BLM15HD182SN1	4	FB2806, FB2807, FB2809, FB2815
115	SMD Ferrite Bead	1005at100M, 220R, $\pm 25\%$, DCR0.38ohm, Ir0.5A, 1.0*0.5*H0.5mm	HPZ1005U221-R50	6	FB1903, FB1904, FB2001, FB2002, FB3300, FB3301
	SMD Ferrite Bead	220R, $\pm 25\%$, at100M, Rdc0.28ohm, Ir700mA, 1.0 \times 0.5mm \times H0.5mm	BLM15EG221SN1		
116	SMD Inductance	12nH $\pm 3\%$, Ir90mA, Rdc1.15ohm, Q=11, 3700MHz, 0.6*0.3*H0.3mm	LQP03TN12NH	2	L2712, C2510
	SMD Inductance	12nH, $\pm 3\%$, Rdc0.7ohm, Ir250mA, Q=12, 2900MHz, 0.6*0.3*H0.3mm	LQP03TN12NH		
	SMD Inductance	12nH, $\pm 3\%$, Q=5, 100MHz, Rdc0.85ohm, Ir180mA, 0.6*0.3*0.3mm	MSDCL0603C12NH		
117	SMD Inductance	1.2nH, Q=11, $\pm 0.1\%$, Rdc0.13ohm, Ir280mA, 6000MHz, 0.6*0.3	LQP03TN1N2B	5	C2721, C2722, C2751, C2752, C2513

118	SMD Inductance	2nH, Q=11, ± 0.1 nH, Rdc0.18ohm, Ir220mA, 500MHz, 0.6*0.3*H0.3mm	LQP03TN2N0B	4	C2719, C2725, L2724, C2724
119	SMD Inductance	2.4nH, Q=11, ± 0.1 nH, Rdc0.20ohm, Ir220mA, 6000MHz, 0.6*0.3	LQP03TN2N4B	3	L2719, C2728, C2729
120	SMD Inductance	2.7nH, Q=11, ± 0.1 nH, Rdc0.20ohm, Ir220mA, 6000MHz, 0.6*0.3	LQP03TN2N7B	1	L2304
121	SMD Inductance	Rdc 0.25 Ω , Ir450mA, Q=14, 3.0NH, ± 0.2 NH, 0201 (0.6*0.3*0.3mm)	LQP03TN3N0C	1	L2703
122	SMD Inductance	3.1nH, Q=13, $\pm 0.1\%$, Rdc0.3ohm, Ir380mA, 6000MHz, 0.6*0.3*0.3mm	LQP03TN3N1B	1	L2709
123	SMD Inductance	Rdc 0.25 Ω , Ir450mA, Q=14, 3.3nh, $\pm 5\%$, 0201 (0.6*0.3*0.3mm)	LQP03TN3N3C	1	L2706
124	SMD Inductance	Rdc0.17 Ω , Ir300mA, Q=8, 0402, 3.3NH, ± 0.3 nH, 0402 (1.0*0.5*0.5mm)	LQG15HS3N3S02	1	C2212
125	SMD Inductance	3.6nH, Q=13, ± 0.1 nH, Rdc0.3ohm, Ir170mA, 6000MHz, 0201 (0.6*0.3mm)	LQP03TN3N6B	2	C2713, C2714
126	SMD Inductance	3.9nH, Q=13, ± 0.1 nH, Rdc0.3ohm, Ir170mA, 6000MHz, 0.6*0.3, 0.30ohm	LQP03TN3N9B	1	L2607
127	SMD Inductance	4.3nH, Q=11, $\pm 3\%$, Rdc0.55ohm, Ir160mA, 6000MHz, 0.6*0.3*0.3mm	LQP03TN4N3H	2	L2718, L2403
128	SMD Inductance	4.7nH, Q=13, $\pm 3\%$, Rdc0.4ohm, Ir160mA, 6000MHz, 0.6*0.3*H0.30mm	LQP03TN4N7H	2	L2606, L3105
129	SMD Inductance	5.6nH, Q=13, $\pm 3\%$, Rdc0.55ohm, Ir140mA, 6000MHz, 0.6*0.3	LQP03TN5N6H	1	C2603
130	SMD Inductance	Rdc0.6ohm, Ir300mA, Q=12, 7.5nh, $\pm 5\%$, 0201 (0.6*0.3*0.3mm)	LQP03TN7N5J	3	C2710, C2712, C2313
131	SMD Inductance	绕 线 , Rdc0.13ohm, Ir570mA, Q=25, 7.5nH, ± 2 , 1.0*0.5*H0.5mm	LQW15AN7N5G00	1	L3300

132	SMD Inductance	Rdc 0.7 Ω , Ir250mA, Q=14, 8.2nh, $\pm 5\%$, 0201 (0.6*0.3*0.3mm)	LQP03TN8N2J	1	L2705
	SMD Inductance	8.2nH, Q=11, $\pm 3\%$, Rdc0.86ohm, Ir110mA, 5500MHz, 0.6*0.3*0.3mm	LQP03TN8N2H		
133	SMD Inductance	8.2nH, $\pm 5\%$, Rdc0.37ohm, Ir300mA, Q=8, 1.0*0.5*H0.5mm	SDCL1005C8N2J	1	L3302
	SMD Inductance	Rdc0.33 Ω , Ir300mA, Q=8, 8.2nH, $\pm 5\%$, 0402 (1.0*0.5*0.5mm)	LQG15HN8N2J02		
	SMD Inductance	Rdc0.24 Ω , Ir300mA, Q=8, 0402, 8.2nH, $\pm 5\%$, 0402 (1.0*0.5*0.5mm)	LQG15HS8N2J02		
134	SMD Inductance	Rdc0.34 Ω , Ir300mA, Q=8, 9.1nH, $\pm 5\%$, 0402 (1.0*0.5*0.5mm)	LQG15HN9N1J02	1	L3305
	SMD Inductance	Rdc0.26 Ω , Ir300mA, Q=8, 9.1nH, $\pm 5\%$, 0402 (1.0*0.5*0.5mm)	LQG15HS9N1J02		
135	SMD Inductance	Rdc 0.7 Ω , Ir250mA, Q=14, 10nh, $\pm 5\%$, 0201	LQP03TN10NJ	2	L3202, C2711
	SMD Inductance	10nH, Q=13, $\pm 3\%$, Rdc1.10ohm, Ir100mA, 4500MHz, 0.6*0.3*H0.3mm	LQP03TN10NH		
136	SMD Inductance	15nH, Q=11, $\pm 3\%$, Rdc1.40ohm, Ir90mA, 3700MHz, 0.6*0.3*H0.3mm	LQP03TN15NH	3	L3104, L2701, L2302
137	SMD Inductance	Rdc 8 Ω , Ir50mA, Q=8, 68NH, $\pm 5\%$, 0201	LQP03TN68NJ	1	L3101
138	SMD Inductance	Rdc 10 Ω , Ir50mA, Q=8, 82NH, $\pm 5\%$, 0201 (0.6*0.3*0.3mm)	LQP03TN82NJ	3	L1901, L3102, L3103
139	SMD Inductance	Rdc1.15ohm, Ir5mA, Q=35, 2.2UH, $\pm 10\%$, 0603 (1.6*0.8*H0.8mm)	LQM18NN2R2K00	1	L0401

140	SMD Inductance	2.2uH±20%, Rdc0.08Ω , Idc1.85A, Isat2.15A, 2.5*2.0mm*H1.2mm	PSE25201B-2R2MS	4	L1101, L1102, L1103, L1104
	SMD Inductance	2.2uH±30%, Rdc0.096Ω , Ir1.7A, 2.5*2.0mm*H1.2mm	1239AS-H-2R2N=P2		
141	POWER Inductance	22uH, ±20%, 0.63DC, 375mA, 3.0*3.0*H1.2mm	NR3012T220M	1	L1501
142	Common Mode EMI device	CMI90ohm, Rdc1.0~4.0ohm, Ir100mA, Vr10V, +/-15kv ESD, 1.27*1.00*H0.60mm	ICMEF112P900MFR	9	FIL1501, FIL1502, FIL1503, FIL1701, FIL2001, FIL2002, FIL2003, FIL2004, FIL2005
143	SMD Resistor	0ohm, ±1%, 0201	RC0201FR_07000RL	16	R0503, R1008, R1009, R1401, R1501, R2004, R3103, R3317, R3318, R3319, R3320, R1202, R2602, R0802, R1820, R1821
144	SMD Resistor	0ohm, ±5%, 1/10W, 0603	RC0603JR-070RL	1	R1011
145	SMD Resistor	0ohm, 1/16W, ±5%, 0402	RC0402JR-070RL	15	R1102, R1104, R3308, R1203, R1906, R1909, C2211, R2607, R2208, R2209, R2210, R2211, FB2802, FB2810, FB2801
146	SMD Resistor	0.22ohm, ±1%, 1/10W, 0603	RL0603FR-070R22L	1	R2032
147	SMD Resistor	22ohm, 1/20W, ±5%, 0201	RC0201JR-0722RL	2	R1415, R3214
148	SMD Resistor	15ohm, ±1%, 1/16W, 0402	RC0402FR-0715RL	1	R1506
149	SMD Resistor	39ohm, ±5%, 0201	RC0201JR-0739RL	1	R2204
150	SMD Resistor	49.9ohm, ±1%, 0402	RC0402FR-0749R9L	1	R0601
151	SMD Resistor	51ohm, ±5%, 0201	RC0201JR-0751RL	1	R2405
152	SMD Resistor	68ohm, 1/20W, ±1%, 0201	RC0201FR-0768RL	1	R2201
153	SMD Resistor	82ohm, ±5%, 0201	RC0201JR-0782RL	3	R2309, R2310, R2311
154	SMD Resistor	100ohm, ±5%, 0201	RC0201JR-07100RL	17	R1512, R1513, R1514, R1515, R1609, R1610, R1614, R1615, R2006, R2007, R2008, R2009, R2202, R2203, R3108, R3109, R2807
155	SMD Resistor	150ohm, 1/20W, ±1%, 0201	RC0201FR-07150RL	2	R2205, R2206
156	SMD Resistor	240ohm, ±1%, 0402	RC0402FR-07240RL	2	R1814, R1815
157	SMD Resistor	1Kohm, ±1%, 0201	RC0201FR-071KL	18	R1901, R1902, R1907, R1908, R1916, R2702, R3106, R3107, R3300, R3309, R3311, R3313, R3314, R3315, R1810, R1811, R1812, R1813
158	SMD Resistor	4.02Kohm, ±1%, 0402	RC0402FR-074K02L	1	R0401

159	SMD Resistor	2.2Kohm , $\pm 5\%$, 0201	RC0201JR-072K2L	9	R0701, R0702, R0703, R0704, R0705, R0706, R1611, R1911, R2207
160	SMD Resistor	5.1K, 1/20W, $\pm 1\%$, 0201	RC0201FR-075K1L	1	R2603
161	SMD Resistor	6.19Kohm, $\pm 1\%$, 0402	RC0402FR-076K19L	1	R3201
162	SMD Resistor	12Kohm , 1/16W, $\pm 1\%$, 0402	RC0402FR-0712KL	1	R1005
163	SMD Resistor	10Kohm , $\pm 5\%$, 0201	RC0201JR-0710KL	13	R0501, R0502, R1511, R1701, R1702, R1703, R1704, R1705, R1801, R1802, R1803, R1006, R1410
164	SMD Resistor	12Kohm, $\pm 1\%$, 0201	RC0201FR-0712KL	1	R2701
165	SMD Resistor	23.2Kohm , 1/16W, $\pm 1\%$, 0402	RC0402FR-0723K2L	1	R1004
166	SMD Resistor	22Kohm , 1/16W, $\pm 5\%$, 0201	RC0201JR-0722KL	1	R0504
167	SMD Resistor	47Kohm , $\pm 5\%$, 0201	RC0201JR-0747KL	14	R1007, R1402, R1403, R1404, R1405, R1406, R1407, R1408, R1409, R1411, R1903, R1904, R1905, R1010
168	SMD Resistor	100Kohm , $\pm 5\%$, 0201	RC0201JR-07100KL	9	R0404, R1301, R1505, R1915, R2001, R2030, R2033, R3219, R0506
169	SMD Resistor	100Kohm , 1/16W, $\pm 1\%$, 0402	RC0402FR-07100KL	1	R2031
170	SMD Resistor	680K, 1/20W, $\pm 5\%$, 0201	RC0201JR-07680KL	2	R3104, R3105
171	SMD Piezoresistor	For special request, 18V, 3pF, $+100\% \sim -50\%$, 1.0*0.5mm	SDV1005S180C030YP	8	V1705, V1913, V1703, V1704, V1706, V1707, V1708, V1709
	SMD Piezoresistor	Vdc18V, I120uA, 3p, $\pm 30\%$, 0402 (1.0x0.5mm)	AVLC18S02003		
172	SMD Piezoresistor	Vdc5.5V, I120uA, 50pF, $\pm 20\%$, 0402 (1.0x0.5mm)	AVLC5S02050	28	V1201, V1501, V1502, V1503, V1504, V1510, v1808, v1810, v1811, v1814, V1505, V1506, V1801, V1802, V1803, V1804, V1805, V1806, V1807, V1823, V1903, V1904, V1905, V1906, V1909, V1910, V1911, V1912
173	SMD Thermistor	NTC, 68Kohm, $\pm 3\%$, I _{max} 0.31mA, 110mW, 1.0*0.5*H0.5mm	SDNT1005X683J4150H	1	R0505
174	MIC Support Structure	SUS304		2	REC1901, REC1902
175	BT_FM_WIFI Shielding Case	T=0.2		1	E7

176	MCP Shielding Case			1	E5
177	GPS Shielding Case		E407-SHIELDING-FM. PRT	1	E1
178	BB Shielding Assembly			1	E4
179	BB Shielding			1	
180	WIFI Shielding Case			1	E6
181	RF Transceiver Shielding Assembly			1	E2
182	RF Transceiver Shielding Case			1	
183	RF PA Shielding Case			1	E3
184	Mainboard	8layers, 2-4-2, thickness=1.0mm		1	