No number	number to rep	location number	Material code	Material name	Dosage	unit	Specification Model 1	Brand 1	location Mod	Brand 2	location Mod	Brand 3	location Mod	Brand 4	location Mod	Brand 5	location Mod	Brand 6	location Mod	Brand 7	location Mod	Brand 8	location Mod	Brand 9	location Mod	Brand 10
1	main ingred	int	470000146	PCB board H2488F 6L1S HD1 V11 HB	1	PCS	H2488F 6L1S HD1 V11 HB	red board																		
2	main ingred	ANT000, ANT001, ANT0002, ANT2	410020402	Antenna ehrapnel 2.2M1.142.25 work height 1.6 ECT	8	PCS	H1H0170H1	ECT																		
3	main ingred	FB100, FB101, FB1100, FB1101, FB	170211041	Magnetic Bead 0402 121Ω 100MHz 1200mA RoHS	7	PCS	HF2100SB121-1H2TF	SUNLORD	HCL8100SB121MICROGATE																	
4	main ingred	B800	170052071	Magnetic Bead 0402 600Ω 100MHZ 300mA RoHS	1	PCS	BLM15AG601SN1	MURATA	BLM15AG601SN1	MURATA	SBJ1005057-CHILISIN		GZ1005R601SUNLORD		MGGB1005R600MICROGATE											
5	main ingred	C102, C1103, C1104, C5207, C52	170201757	Capacitor 0201 11F±20% X5R 6.3V RoHS	72	PCS	C0201X5R105R6.3NT	EVANG	GRM033R60J105ME15D	MURATA	CL03A105MQ5AN8NNC		JH0603A8J1C	TATYO												
6	main ingred	C1105, C5211, C5213, C5215, C52	170201220	Capacitor 0201 106nF ±10% X5R DC6.3V RoHS	71	PCS	GRM033R61A106KE15D	MURATA	GRM033R61A106KE15D	MURATA	CL10A226MQ8NNNC		C0603X5R226	EVANG	GRM188R60J226ME36D	MURATA	CL03A476MQ3NAZWE									
7	main ingred	C2200, C5201, C5202, C5203, C52	170101081	Capacitor 0603 22uF±20% X5R 6.3V RoHS	15	PCS	JMK107BJ226MH-T	TAIYO	CL10A226MQ8NNNC	SAMSUNG	C0603X5R226	EVANG	GRM188R60J226ME36D	MURATA												
8	main ingred	C5204, C1815, C1818, C1820	170100562	Capacitor 0201 470NF±20% X5R 6.3V RoHS	4	PCS	JMK063 BJ474MH-F	TAIYO	C0201X5R474	EVANG	GRM033R60J	MURATA	C0603X5R0J4	TDK	CL03A474MQ3NSAWNC											
9	main ingred	C5223, C5234, C501, C510, C5600	170100405	Capacitor 0201 220NF±20% X5R 6.3V RoHS	5	PCS	C0201X5R220K6.3V	EVANG	JMK063 BJ221TAIYO		CL03A220MQ3NANNNC		CC0201KRX5	YAGEO	GRM033R60J2M	MURATA										
10	main ingred	C5239	170212200	Capacitor 0201 2.2uF±20% X5R 6.3V RoHS	1	PCS	C0201X5R225K6.3VTX	EVANG	JMK063BJ221TAIYO		CL03A225MQ3NSNNC															
11	main ingred	C3302, C3311, C3333, C3340, C33	170109052	Capacitor 0402 4.7uF±20%X5R DC6.3V RoHS	10	PCS	C0402X5R475K6.3V	EVANG	JMK105BJ475MH-T	TAIYO	CL05A475MQ5NRNC		GRM155R60J	MURATA												
12	main ingred	C3350, C3352, C3520, C3526, C35	170120086	Capacitor 0402 2.2UF±20% DC6.3V X5R RoHS	13	PCS	RM JMK105 BJ225MH-F	TAIYO	GRM155R60J225ME15D	MURATA	C1005X5R0J	TDK	CL05A225MQ5NSNNC	SAMSUNG	CC0402MRX5R7BAGEO											
13	main ingred	C3510, C414, C806, C914, C5051	170113068	Capacitor 0603 10UF±20% X5R DC6.3V RoHS	9	PCS	C0603X8R6X5R3R106	YAGEO	GRM188R60J1M	MURATA	C1608X5R0J	TDK	JMK107BJ106MT	TAIYO	ECJ1VB0J106PANASONIC											
14	main ingred	C3527, TVS1111	188512645	Capacitor 0402 11F±10% X5R 6.3V RoHS	2	PCS	GRM155R60J105KE19J	MURATA	RM JMK105 F1TAIYO		CC0402KRX5R7BAGEO		RM JMK105 F1TAIYO		C1005X5R0J1TDK											
15	main ingred	C403, C404, C5405, C408, C105	170100154	Capacitor 0201 4.7uF±0.25pF C0G 25V RoHS	5	PCS	TMK063 C5R7CT-F	TAIYO	C0201C4R7CT	FENGHUA	GRM0335C1H	MURATA	C0201C4R7CT	FENGHUA	GRM0335C1H	MURATA										
16	main ingred	C3608	179117468	Capacitor 0201 4.7uF±10% X5R 10V RoHS	1	PCS	GRM033R61A472KE01D	MURATA	JMK063BJ472TAIYO		CM0335R472K	AVX	C0201X5R472	EVANG	0201547ZK10FENGHUA											
17	main ingred	C3612, C3617, C3624, C3212, C32	170011224	Capacitor 0201 33pF±10% DC25V RoHS	30	PCS	TMK063 C330J-F	TAIYO	C0201C0G330	EVANG	CC0201JNNP	YAGEO	CC0201C0G33	EVANG	0201CG330J2FENGHUA											
18	main ingred	C3613	170100312	Capacitor 0201 2.2pF±0.25pF C0G 25V RoHS	1	PCS	TMK063 C2R2CT-F	TAIYO	C0201C2R2CT	FENGHUA	C0201C2R2C	FENGHUA														
19	main ingred	C3615, C3616, C3618, C1544, C18	170173867	Capacitor 0201 22PF±10% DC25V RoHS	7	PCS	CC0201JNNP0BB220	YAGEO	C0201C0G22	EVANG	C0201C622	EVANG	C0201CG22J	FENGHUA												
20	main ingred	C3619	170100402	Capacitor 0201 33NF±20% X5R 10V RoHS	1	PCS	C0201X5R333K6.3V	EVANG	JMK063 BJ333TAIYO		C0201X333K10	FENGHUA	CC0201KRX5R	YAGEO												
21	main ingred	C3804, C3805, C1331, C3339	188127514	Capacitor 0201 18pF±5% C0G 25V RoHS	4	PCS	C0603C0G180J	TDK	C0201X5R105K10V	TAIYO	GRM033R61A	MURATA	RM TMK063	TAIYO	CC0201JNNP0YAGEO											
22	main ingred	C4030, C1208, C1209, C1419	410032253	Capacitor 0402 220nF±10% 10V RoHS	4	PCS	C0402X5R224K10V	EVANG																		
23	main ingred	C1204, C1205	410035335	Capacitor 0603 330nF±10% 16V H2488	2	PCS	CL10B334KO8NNNC	samsung																		
24	main ingred	C1303, C1324	179113805	Capacitor 0402 1NF±10% X7R 50V RoHS	2	PCS	C0402X8X7R0R0102	YAGEO	GRM155R71H	MURATA	UMK105BJ102TAIYO		CL05B102JB	SAMSUNG	C0402X7R102EVANG											
25	main ingred	C1305, C1321	410008669	Capacitor 0402 15PF±5% C0G DC50V	2	PCS	GRM1555C1H150JA01D	Murata																		
26	main ingred	C1307, C1316	410008651	Capacitor 0402 22PF±5% C0G DC50V	2	PCS	GRM1555C1H220JA01D	Murata																		
27	main ingred	C1308, C1317	179081962	Capacitor 0402 22PF ±5% DC50V RoHS	2	PCS	C1005C0G1H22J	TDK	GRM155C1H22	MURATA	UMK105CG22J	TAIYO	CC0402JNNP	YAGEO	CL05C221JB5SAMSUNG											
28	main ingred	C1309, C1318	410007249	Capacitor 0402 20pF ±5% C0G DC50V	2	PCS	GRM1555C1H200JA01D	Murata																		
29	main ingred	C1315, C1306	410007328	Capacitor 0402 150pF ±5% C0G DC50V	2	PCS	GRM1555C1H151JA01D	Murata																		
30	main ingred	C1325, C1326, C1330	179113940	Capacitor 0603 4.7uF±10%X5R DC6.3V RoHS	3	PCS	GRM188R60J475KE19D	MURATA	GRM188R60J	MURATA	C1608X5R0J	TDK	JMK107BJ475	TAIYO	CV105X5R475K10CEBA											
31	main ingred	C1340, C1415, C1417, C1420, C14	410008172	Capacitor 0603 22uF±20% 10V X5R	11	PCS	GRM188R61A226ME15D	Murata	CL10A226MP8Samsung																	
32	main ingred	C1404, C1507	179112992	Capacitor 0402 100NF ±10% X5R DC25V RoHS	2	PCS	C1005X5R1E104K7	TDK	MLG0603P129TAITYO																	
33	main ingred	C1503, C1523, C1610, C1612	179211860	Capacitor 0402 10UF±10% X5R 10V RoHS	4	PCS	C0402X5R105K10V7R	EVANG	CL05A105KP5SAMSUNG		GRM155R61A	MURATA	LMK105BJ105	TAIYO												
34	main ingred	C1514	179113889	Capacitor 0402 4.7NF±10% DC50V RoHS JP+CN	1	PCS	CC0402KRX7R9BB472	YAGEO	GRM155R71H	MURATA	C1005X7R1H	TDK	UMK105BJ472	TAIYO	CL05B472KB5SAMSUNG											
35	main ingred	C1524, R1200, R1211, R1530	179241871	Resistance 0201 12K Ω ±1% 0.05W RoHS	4	PCS	RC0201FR-0712KL	YAGEO	RC-01W12JFTPNEXPO		RMCF1/16120	TA-I														
36	main ingred	C1541, D1801, D1802	410000610	Anti-surge diode PTVS8C2E54V8UA vbat	3	PCS	PTVS8C2E54V8UA	PHISEMI																		
37	main ingred	C1700, C1836, L1709, L1740, L18	179074816	Resistance 0201 0Ω ±5% 0.05W RoHS	41	PCS	ERJ1GE0R00C	PANASONIC	MCR000JZP1R000W		RC0201_JR-07YAGEO		W0402G000	PJWALSIN	RG0201_3X000EYAGE											
38	main ingred	C1701, C1710, L1820	179211695	Inductance 0201 1.8NH ±0.3NH RoHS	3	PCS	SDCL0603A1N8STG2S01	SUNLORD	MLG0603P1N8	TDK	SDCL0603A1N8	SUNLORD														
39	main ingred	C1703, L1702, L1801	170100204	Capacitor 0201 1.8pF±0.25pF C0G 50V RoHS	5	PCS	TMK063 C1R8CT-F	TAIYO	C0201C1R8	EVANG	C0201C1R8CT	FENGHUA														
40	main ingred	C1711, L1700	179212634	Inductor 0201 2.4NH ±0.1NH RoHS	2	PCS	SDCL0603A2N4STG2S01	SUNLORD	SDCL0603A2N4	SUNLORD																
41	main ingred	C1716, L0604	179210561	Inductor 0201 1NH ±0.3nH RoHS	2	PCS	SDCL0603A1N0STG2S01	SUNLORD	MLG0603P1N0	TDK	SDCL0603A1N0	SUNLORD														
42	main ingred	C1717, C1744, C1745, C1748	179173929	Capacitor 0201 47pF±5% C0G 25V RoHS	4	PCS	CC0201JNNP0BB470	YAGEO	CC0201C0G470	EVANG	0201C0G470J2FENGHUA															
43	main ingred	C1718	179180284	Capacitor 0201 1.2pF±0.25pF C0G 25V RoHS	1	PCS	TMK063 C1R2CT-F	TAIYO	C0201C0G1R2	EVANG	0201C1R2CT	FENGHUA														
44	main ingred	L1800, L1813, L1816	192227462	Inductance 0201 3NH ±0.3NH RoHS	3	PCS	SDCL0603A3N0STG2S01	SUNLORD	SDCL0603A3N0	SUNLORD																
45	main ingred	L1833, L1828, C1722, L1822	179209360	Capacitor 0201 1pF±0.1pF C0G 25V RoHS	4	PCS	C0201C0G1R0B250NTA	EVANG	CL03C010B0250NTA	SAMSUNG	CC0201BNNP	YAGEO														
46	main ingred	L1834, C1835, B608	170100333	Capacitor 0201 3.3pF±0.25pF C0G 25V RoHS	3	PCS	TMK063 C3R3CT-F	TAIYO	C0201C3R3CT	FENGHUA																
47	main ingred	L1911, C513, C1602, C1604, C1610	170101105	Capacitor 0201 100PF ±5% C0G DC25V RoHS	22	PCS	GRM0335C1H101JD01D	MURATA	GRM0335C1H	MURATA	TMK063CG101J	TAIYO	CM03CG101J	AVX	C0603CG101TDK											
48	main ingred	L412, C414, C1200, C1329, C1330	170200536	Capacitor 0603 10uF±20% X5R 10V RoHS	13	PCS	C0603X5R106M6.3NRT	EVANG	GRM188R61A	MURATA	CL10A106MP8Samsung															
49	main ingred	L413, C1020, C1021, C1102, C110	170274677	Capacitor 0201 100nF±20% X5R 10V RoHS	22	PCS	C0201X5R104K10V7R	EVANG																		
50	main ingred	L416, C703, C706, C1206, C1411,	192228794	Capacitor 0402 2.2UF±20% X5R 10V RoHS	7	PCS	C0402X5R225K10V7R	EVANG	TMK105AB225TAITYO																	
51	main ingred	L516, C3607, C1034, C1211, C11	170178048	Capacitor 0201 0.01UF±10% X7R 16V RoHS	11	PCS	CC0201KRX7R7BB103	YAGEO	C0201X7R103	EVANG	0201B103K16FENGHUA															
52	main ingred	L700, C707	179104114	Capacitor 0201 22nF ±10% X5R DC6.3V RoHS	2	PCS	GRM0335C1H223KD01D	MURATA	GRM0335R223	AVX	JMK063BJ223TAIYO		C0603X5R0J	TDK	CC0201KRX5R7BAGEO											
53	main ingred	L704, C1810	189034169	Capacitor 0201 220NF±10% X7R 16V/50V RoHS	2	PCS	GRM033R71C221KD01D	MURATA	C0603X7R1H	TDK	C0603X7R1H	TDK	C0201CZ221K	AVX	CC0201KRX7R7BAGEO											
54	main ingred	L708, C709, C1201, C1217, C1218	179173846	Capacitor 0201 1nF±10%/20% X7R 25V RoHS	8	PCS	CC0201KRX7R8BB102	YAGEO	GRM033R71E	MURATA	C0201B102K25	FENGHUA														
55	main ingred	L715, C716, C814, C927, C1065, C	187960384	Capacitor 0201 56pF±5% C0G 25V RoHS	12	PCS	C0603C0G1E560JT	TDK	GRM0335C1E	MURATA	C0201A560JA4V	AVX	RM TMK063	TAIYO	CC0201JNNP0YAGEO											
56	main ingred	L811	179148773	Capacitor 0603 11F±10% X5R 35V RoHS	1	PCS	GRM188Z105KA	TAIYO	CL10A105KA	SAMSUNG	C0603X5R105	EVANG	CL10A105KB9	SAMSUNG												
57	main ingred	L812	179133785	Capacitor 0402 56NF±5% DC50V RoHS	1	PCS	CC0402JNPO9BB560	YAGEO	GRM155C1H	MURATA	C1005C0G1H	TDK	UMK105CG56	TAIYO	CL05C560JB5SAMSUNG											
58	main ingred	L813	170201726	Capacitor 0201 62NF ±10% 6.3V RoHS	1	PCS	CC0201KRX5R7BB622	YAGEO	CC0201KRX5R	YAGEO																
59	main ingred	L906, C916, C1022, C1023, C102	170180388	Capacitor 0201 10pF±0.5pF C0G 25V RoHS	6	PCS	TMK063 C100D1T-F	TAIYO	C0201C0G100	EVANG	0201C100J2FENGHUA															
60	main ingred	M1511	179237299	Surge diode DFN2×2-3L 4.5V 3000W	1	PCS	PTVS8C2E4V5SB	PHISEMI																		
61	main ingred	N1510	410013804	Schottky diode SS1401UF SOD123 40V 1A H2488	1	PCS	SS140UF	PN SILICON																		
62	main ingred	N1517, D1518, D1519	410013055	Schottky diode SM6F 40V 5A H2488	3	PCS	PSB8A F40V5	PHISEMI																		
63	main ingred	N1601, D1605	410010359	Surge tube one-way SOD123 24V 600WM 500V	2	PCS	PTVS8C1TF24V0	PHISEMI																		
64	main ingred	D700, D800, D801, D1000, D1	179132150	Schottky diode BSS205 SOD323 40V	13	PCS	BSS205-40	SUNLORD	BSS205-40	SUNLORD	BSS205-40FREISMI		BSS205-40	JESTEK	BSS205-40 YANGJIE		PSBS215-40 PN Silicon									
65	main ingred	D702	170100009	LED blue 0603 H=0.6mm RoHS	1	PCS	19-217SBHC	EVERLIGHT	HL-HBS36G-1BRIGHT LED		BHC-ZL1M2N5EVERLIGHT		HT-193NBS	HAYATEK	A-SP1948LC-AMICC											
66	main ingred	D703	410034023	LED 0603 B=0.6mm bright yellow positive light H2488	1	PCS	19-213/Y5C-QBR3NY/2T	EVERLIGHT																		
67	main ingred	D704	410013042	Light Emitting Diode 0603 B=0.6mm Emerald Green Positi	1	PCS	19-217/GHC-YR1S2/2T	EVERLIGHT																		
68	main ingred	D705	179073257	LED 0603 Red RoHS	1	PCS	19-217/Rsc-AL1M2TY-2T	EVERLIGHT																		
69	main ingred	FB1100, E700, E719, E813, E906,	179084285	Resistance 0402 0Ω ±5% 0.063W RoHS	8	PCS	MCR04EZPJ000 RO85	ROHM	ERJ2GE0R00X	PANASONIC	RC0402_JR-07YAGEO		RN05105-00C	CYNTEC	WR04X000PTLWALSIN											
70	main ingred	I100	410032520	SIM card holder large card 2.88MP H2488	1	PCS	CT34-3	HUF																		
71	main ingred	I101	410004385	T card holder flip type 13.5M13.0M1.6 There is dete	1	PCS	T02-H8H0F160	HONGHUA																		
72	main ingred	I102	410032334	SIM card holder large card 3.0M double layer MEP H2488	1	PCS	CT46-1	HUF																		
73	main ingred	I200	410033188	ZIF10pin2.0MM.5p front lock 1mm H2488	1	PCS	0.5S-2X-10PHB-460	JINSHI																		
74	main ingred	I201	410033868	IC card holder SPINI.27pitch4.0M with positioning foot	1	PCS	MUP-C868-0	Dehongmay																		
75	main ingred	I400	410033170	ZIF24pin4.05MM.5p Vertical Tixinyang H2488	1	PCS	0.5A-24PH	YIXINYANG																		
76	main ingred	I500	410033125	Horizontal waferpin4.40M1.25p 1mm H2488	1	PCS	1.25T-2-4PWB-T	JINSHI																		
77	main ingred	I501	410033107	Horizontal waferpin4.0M2.0p Tixinyang H2488	1	PCS	2.0T-2-4PWB	YIXINYANG																		
78	main ingred	I600	410024006	TYPE-C 16PIN winking board 1.6 board 1.5M JBXY	1	PCS	UCB2H-16121602-01	Jingwui Xingyu																		
79	main ingred	I601	410033191	ZIF9pin4.40M.5p Vertical 1mm H2488	1	PCS	0.5S-1-8PH	JINSHI																		
80	main ingred	J500, J501	410019528	ZIF 25pin 1.0M 0.3p 0.2T Front Lock OCN	2	PCS	OK-F302-25115	OCN																		
81	main ingred	K1600, K1601, K1602	410009567	SWITCH 6.1*4.15*1.65mm ST-1114BZ-160g	3	PCS	ST-1114BZ-160G	HUASHENG																		
82	main ingred	L0300, L0301	170203681	Wirewound Power Inductor 2016 0.47uH±20% 4.3A RoHS	2	PCS	WPN201610H0R47MT	SUNLORD	WPN201610-M1CRGATE	MPI1A201610-M1CRGATE	MAKE2016HR4	TAIYO	DFE2016HPT-TOKO													
83	main ingred	L0302, L0303, L0304	170208417	Wirewound Power Inductor 2016 1uH±20% 2.4A RoHS	3	PCS	PCS0201617-1R0MS	CYNTEC	WPN201610M1SUNLORD	MPI1A201610-M1CRGATE																
84	main ingred	L0609	170110582	Inductance 0201 1.5NH ±0.3NH RoHS	1	PCS	SDCL0603A1N5STG2S01	SUNLORD	MLG0603P1N5	TDK	SDCL0603A1N5	SUNLORD														
85	main ingred	L0611, L1757, L1770	170210678	Inductance 0201 6.2NH ±0.3NH RoHS	3	PCS	SDCL0603A6N2STG2S01	SUNLORD	SDCL0603A6N2	SUNLORD																
86	main ingred	L0612, L1827	170210719	Inductance 0201 1.8NH ±5% RoHS	2	PCS	SDCL0603A1N8JTG2S01	SUNLORD	SDCL0603A1N8	SUNLORD																
87	main ingred	L0613	179180218	Inductor 0201 47NH ±5% RoHS	1	PCS	SDCL0603A47NJTG2S01	SUNLORD	MGC1003B47MICROGATE	HC1003F-47TAI-TECH	SDCL0603A47SUNLORD															
88	main ingred	L300, L1301	518000029	SMD inductor 1008 680nH±5% 400mA H2488 3GD 05.01.0005	2	PCS	SMD inductor 1008 680nH±5% 400mA H2488 3GD 05.01.0005	new capital																		
89	main ingred	L1500	410031117	Winding Inductance 0603S 2.2uH±20% 14A H2488	1	PCS	MPL406035-2R2MT	SUNLORD																		
90	main ingred	L1501, L1502	410033034	Winding Inductance 4020 2.2uH±20% 7.1A H2488	2	PCS	MPN402082R2MT	SUNLORD																		
91	main ingred	L1707	192229268	Inductance 0201 2.0NH ±0.3NH RoHS	1	PCS	SDCL0603A2N0STG2S01	SUNLORD	SDCL0603A2N0	SUNLORD																
92	main ingred	L1726, L1746, L1820, C1720	179211097	Inductor 0201 2.2NH ±0.3nH RoHS	4	PCS	SDCL0603A2N2STG2S01	SUNLORD	MLG0603P2N2	TDK	SDCL0603A2N	SUNLORD														
93	main ingred	L1727, L1758, C1848	179210615	Inductance 0201 3.3NH ±0.3NH RoHS	3	PCS	SDCL0603A3N3STG2S01	SUNLORD	MLG0603P3N3	TDK	SDCL0603A3N	SUNLORD														
94	main ingred	L1731, L1821, C1829, L1729	179210644	Inductance 0201 4.7NH ±0.3NH RoHS	4	PCS	SDCL0603A4N7STG2S01	SUNLORD	MLG0603P4N7	TDK	SDCL0603A4N	SUNLORD														
95	main ingred	L1736, R1804	179210574	Inductance 0201 1.2NH ±0.3NH RoHS	2	PCS	SDCL0603A1N2STG2S01	SUNLORD	MLG0603P1N2	TDK	SDCL0603A1N	SUNLORD														
96	main ingred	L1748	192252613	Inductance 0201 3.0NH ±0.1NH RoHS	1	PCS	SDCL0603A3N0HTG2S01	SUNLORD	SDCL0603A3N0	SUNLORD																
97	main ingred	L1750	192252572	Inductance 0201 6.0NH ±0.1NH RoHS	1	PCS	SDCL0603A6N0HTG2S01	SUNLORD	SDCL0603A6N0	SUNLORD																
98	main ingred	L1752, L1803, L1819, L1801, L18	170200549	Capacitor 0201 0.5pF±0.1pF C0G 25V RoHS	5	PCS	C0201C0G050J250NTA	EVANG	C1.0X0X5B0J	SAMSUNG	C0201BNNP	YAGEO	GRM0335C1H	MURATA												
99	main ingred	L1753, L1762, L1773	179210701	Inductance 0201 8.2NH ±5% RoHS	3	PCS	SDCL0603A8N2JTG2S01	SUNLORD	MLG0603P8N2	TDK	SDCL0603A8N	SUNLORD														
100	main ingred	L1761	192231724	Inductance 0201 5.1NH ±0.3NH RoHS	1	PCS	SDCL0603A5N1STG2S01	SUNLORD	SDCL0603A5N1	SUNLORD																
101	main ingred	L1772	192210730	Inductance 0201 12NH ±5% RoHS	1	PCS	SDCL0603A12NJTG2S01	SUNLORD	MLG0603P12N	TDK	SDCL0603A12	SUNLORD														
102	main ingred	L1802	192210751	Inductance 0201 18NH ±5% RoHS	1	PCS	SDCL0603A18NJTG2S01	SUNLORD	MLG0603P18N	TDK	SDCL0603A18	SUNLORD														
103	main ingred	L1809	192210662	Inductance 0201 2.7NH ±0.3NH RoHS	1	PCS	SDCL0603A2N7STG2S01	SUNLORD	MLG0603P2N7	TDK	SDCL0603A2N	SUNLORD														
104	main ingred	L1812	192210669	Inductance 0201 2.5NH ±5% RoHS	1	PCS	SDCL0603A2N5JTG2S01	SUNLORD	SDCL0603A2N5	SUNLORD																
105	main ingred	L1814	170180252	Capacitor 0201 1.5pF±0.25pF C0G 25V RoHS	1	PCS	C0201C0G1R5C250NTA	EVANG	C0201C1R5C	FENGHUA																
106	main ingred	L1825	179180177	Inductor 0201 22NH ±5% RoHS	1	PCS	SDCL0603A22NJTG2S01	SUNLORD	MGC1003B22MICROGATE	HC1003F-22TAI-TECH	SDCL0603A22	SUNLORD														
107	main ingred	L400	179172860	Wire wound power inductor 2520 1uH±20% 2.55A RoHS	1	PCS	PHL252017-1R0MSR	CYNTEC	PHL7252017-CYNTEC	SPH2520100	SUNLORD	UHP2520100	TAI-TECH													
108	main ingred	L800	192255549	Winding Inductance 2520 10uH ±20% 0.8A	1	PCS	WPN252010H5100MT	SUNLORD																		
109	main ingred	L801	192210686	Inductance 0201 6.8NH ±5% RoHS	1	PCS	SDCL0603A6N8JTG2S01	SUNLORD	SDCL0603A6N8	SUNLORD																
110	main ingred	L400, Q1501, Q1600	410013097	PMOS SOT23 12V 5A WPM14K3 H2488	3	PCS	WPM14K3	WILLSEMI																		
111	main ingred	L1502	410025368	PNP transistor SC-89 -50V -0.15A L2SA1774QT1G	5	PCS	L2SA1774QT1G	LRC																		
112	main ingred	Q700, Q701, Q702, Q703, Q704, Q8	179093640	NPN transistor 45V 0.1A SC-89 BCW33H	13	PCS	BCW33H, 115	NXP	2SC4617UTF1LRC		2SC4617UBF3	ROHM	2SC3052EB	ROHM												
113	main ingred	R0100	179180523	Resistor 0201 5.1M Ω ±1% 0.05W RoHS	1	PCS	RC0201FR-075M1KL	YAGEO	RHR0201051M1FKEDA	PANASONIC	RMCF1/5101	TA-I	CR0201FH5101L12													
114	main ingred	R0105, R0700	179220628	Resistor 0201 36Ω ±1% 0.05W RoHS	2	PCS	RC0201FR-07360L	YAGEO	RC-01W360FTPNEXPO		RMCF1/16360	TA-I														
115	main ingred	R0102	189042135	Resistor 0201 1.8M Ω ±1% 0.05W RoHS	1	PCS	RC0201FR-071M8L	YAGEO	MCR000JZPF1R80W		CR1/201512FHDK		W0402X1501F	WALSIN	RC-01W152FTPENGHUA											
116	main ingred	R0104, R0114, R0115, R701, R703, R	179101381	Resistor 0201 1K Ω ±5% 0.05W RoHS	14	PCS	MCR00402TP102	ROHM	ERJ1GJ102C PANASONIC		RC0201_JR-07YAGEO		RC0201_JR-07YAGEO		W0402X102	JWALSIN	R0201R331G2EYANG									
117	main ingred	R0105, R0111, R0112, R0113, R03	179201715	Resistor 0201 4.7K Ω ±5% 0.05W RoHS	11	PCS	RC0201JR-074K7L	YAGEO	W0402X472	JWALSIN	RC-01W472_JFTPENGHUA		RMCF1/8472	TA-I												
118	main ingred	R0106, R705, R710	179101329	Resistor 0201 470Ω ±5% 0.05W RoHS	3	PCS	MCR00402TJ471	ROHM	ERJ1GJ471C PANASONIC		RC0201_JR-07YAGEO		RC-01W471_JFTPENGHUA		RMCF1/8471	TA-I										
119	main ingred	R0117, R0118	192215862	Resistance 0201 300K Ω ±1% 0.05W	2	PCS	RC0201FR-07300K	YAGEO	RMCF0TN3900	TA-I																
120	main ingred	R0119, R0120	192229594	Thermistor 0201 100K Ω 1% 4250K RoHS	2	PCS	NTC0603E104F5B	TDK	NTC0603E104F5B	Samlord																
121	main ingred	R0300	192220869	Resistor 0201 1Ω ±5% 0.05W RoHS	1	PCS	RC0201JR-071RL	YAGEO	RC-01W1R0JFTPENGHUA		RMCF1/8R0	TA-I														
122	main ingred	R0401, R0409	179104890	Resistance 0201 1.5M Ω ±5% 0.05W RoHS	2	PCS	MCR00402TP152	ROHM	ERJ1GJ152C PANASONIC		RC0201_JR-07YAGEO		W0402X152	JWALSIN	RC-01W152JTFENGHUA											
123	main ingred	R0402	179101548	Resistance 0201 220K Ω ±5% 0.05W RoHS	2	PCS	MCR00402TP224	ROHM	ERJ1GJ224C PANASONIC		RC0201_JR-07YAGEO		RC-01W224JFTPENGHUA		RMCF1/8224	TA-I										
124	main ingred	R0406	192200713	Resistance 0201 330K Ω ±1% 0.05W RoHS	1	PCS	RC0201FR-07330KL	YAGEO	W0402X3303F1WALSIN		RC-01W334FTPENGHUA		RMCF1/8330	TA-I												
125	main ingred	R0407	179105012	Resistor 0201 39K Ω ±1% 0.05W RoHS	1	PCS	MCR00402TJ393	ROHM	ERJ1GJ393C PANASONIC		RC0201FR-07YAGEO		RC-01W393FTPENGHUA		W0402X393	JWALSIN										
126	main ingred	R0410, R1315, R1416, R1

156	main ingre	R411	179173263	Resistance 0805 0.050Ω ±1% 0.25W RoHS	1	PCS	RL0805FR-7R050L	YAGEO	RF0R0C3050F1WALSIN	RPF-050R050FENGHUA
157	main ingre	R502, R503	179220864	Resistor 0201 240Ω ±1% 0.05W RoHS	2	PCS	RC0201FR_07240RL	YAGEO	WR02X2400FGWALSIN	RC-01W241FTFENGHUA RMC2FTN240C TA-I
158	main ingre	R504, R505	179180515	Resistor 0201 7.5K Ω ±0.5% 0.05W RoHS	2	PCS	RC0201JR-07 7K5L	YAGEO	RC-01W752JTFENGHUA	WR02X752 JJWALSIN RMC2FTN752 TA-I
159	main ingre	R707, R708	179105033	Resistor 0201 330Ω ±5% 0.05W RoHS	2	PCS	MCR00603ZP3331	ROHM	ERJ1GEJ331C PANASONIC	RC0201JR-07YAGEO RMC2FTN331 TA-I
160	main ingre	R714, R1021, R1111, R1112, R11	179101465	Resistor 0201 47KΩ ±5% 0.05W RoHS	16	PCS	MCR00603ZP2473	ROHM	ERJ1GEJ473C PANASONIC	RC0201JR-07YAGEO WR02X473 JJWALSIN RC-01W473JTFENGHUA
161	main ingre	R715, R716, R1420	179010772	Resistance 0201 3.3KΩ ±5% 0.05W ROHS	3	PCS	RC0201JR-07 3K3L	YAGEO	WR02X332 JJWALSIN	RC-01W332JTFENGHUA RMC2FTN332 TA-I
162	main ingre	R802, R803, R804, R806, R807, R8	179101262	Resistor 0201 33Ω ±5% 0.05W RoHS	21	PCS	MCR00603ZP3330	ROHM	ERJ1GEJ330C PANASONIC	RC0201JR-07YAGEO RC-01W330JTFENGHUA RMC2FTN330 TA-I
163	main ingre	R815, R816	179223828	Resistor 0201 10Ω±1% 0.05W RoHS	2	PCS	RC-01R100FT	FENGHUA	RC0201FR-07R10RL TAI-I	RMC2FTN10RE TAI-I
164	main ingre	FP1100	410031604	RF48 BB-FRA-SHIELD 44.5m35.6m1.8S CU spray paint energy	1	PCS	RF48 BB-FRA-SHIELD 44.5m35.6m1.8S CU spray paint energy	energy pass		
165	main ingre	FP1101	410031625	RF48 FMI-FRA-SHIELD 36.6m29m1.2 CU spray paint energy	1	PCS	RF48 FMI-FRA-SHIELD 36.6m29m1.2 CU spray paint energy	energy pass		
166	main ingre	FP1102	410035046	RF48 CPUCPA-SHIELD 12.25m10.6m1.5 CU spray paint energy	1	PCS	RF48 CPUCPA-SHIELD 12.25m10.6m1.5 CU spray paint energy	energy pass		
167	main ingre	TVS1200, TVS1201, TVS1500,	179016589	Single bidirectional TVS 3V/12pF	9	PCS	PESD5V2F05V3S	PRISEMI		
168	main ingre	TVS1603, TVS1609	179213655	TVS Dual DFN1006-3L 5V 2pF	2	PCS	ESD51426-3/TR	WILLSEMI		
169	main ingre	U200	410028588	BB IC 5M CAT4 MT8765S/WA	1	PCS	MT8765S/WA	MTK		
170	main ingre	U0400	179254419	Power management chip MT6357A	1	PCS	MT6357V/A	MTK		
171	main ingre	U0600	410020420	Wifi BT filter 2.4G TX 1109 LTE coexistence wisol	1	PCS	SF9G45E8A402	WISOL		
172	main ingre	U0601	410022193	Tri-band 2012 GPS/BT/WIFI 1.5/2.4/5G TDK	1	PCS	TF2201B56MT-T11041	TDK		
173	main ingre	U0602	179212812	BT/WIFI/GPS/FM four-in-one chip MT6625LA	1	PCS	MT6625LA/A	MTK		
174	main ingre	U0603	410009512	Low Noise Amplifier GPS/GNSS 1.5v1.5V AR0005DB8Z	1	PCS	AR0005DB8Z	ARINIC	AR5005EB8Z ARINIC	
175	main ingre	U0604	179248391	GPS SAW Filter Beidou 1109 HD	1	PCS	HDF1588E-B5	HD		
176	main ingre	U1	410028596	Buzzer 5v5v2 3V 100mA HGC3500ZBF3 HZ37D	1	PCS	HGC3500ZBF3	HXE		
177	main ingre	U1001	179218385	2-bit bidirectional level shift IC SGM45531XD8G	1	PCS	SGM45531XD8G	SGMICRO		
178	main ingre	U1002	518000011	Security chip BGA121 120MHz CCM42025 1G2 01.01.0222 E2	1	PCS	CPU, CCM42025, BGA121, 32bit core, 120MHz, Tianjin Gem	new capital		
179	main ingre	U1004	410034169	4-bit unidirectional level conversion chip ETAFN for S	1	PCS	SGM45563YUQN122G/TR	SGMICRO		
180	main ingre Override 1	U1005	179220350 410033667	LDO single 3.3V WL2810D33-4/TR LDO single DFN1x1 3.3V 300mA ASO103-3330BN RF48	1	PCS	WL2810D33-4TR ASO103-3330BN	WILLSEMI ANGSEMI	ETS1533YB ETEK	
181	main ingre	U1200	518000012	IC card driver chip HWQFN32 2.7-5.5V 225mA HR12250BN/C2	1	PCS	IC card driver chip, HR12250BN/C2(5L), HWQFN32, 2.7-5.5	new capital		
182	main ingre	U1300	518000014	Contactless read and write chip QFN32 5V 13.56MHz PR67	1	PCS	Contactless chip, PR67900L, QFN32, 5.0V, 13.56MHz, Fudan	new capital		
183	main ingre	U1400	410031826	Motor drive TQFN-3*3 dual 700mA G2053U41U 01.HO.0365 H	1	PCS	G2053U41U	to new technology		
184	main ingre	U1500	410031955	LDO single channel SOT23 3.6V 60mA SGM2200B-3.6YN3LG/T	1	PCS	SGM2200B-3.6YN3LG/TR	SGMICRO		
185	main ingre	U1501	410031914	Boost chip TQFN-2*2.5 1.2.6V 7A SGM6611ATTQV11G/TR 01.H	1	PCS	SGM6611ATTQV11G/TR	SGMICRO		
186	main ingre	U1502	410031947	Boost chip AQFN242 5V 9A G2283AV11U 01.HO.0366 RF48MP	1	PCS	G2283AV11U	to new technology		
187	main ingre	U1505	518000006	Buck chip SOT23-6 0.765V 3A TMI12531 1G2 01.HO.0907 E2	1	PCS	Step-down DC/DC, TMI12531, SOT23-6, 4.5-18V, 3A, 0.765	new capital		
188	main ingre	U1600, U1601	410006590	OVP IC 5A 5.95V FCQFN12 AR12901FCR	2	PCS	AR12901FCR	ARINIC		
189	main ingre	U1602	179149853	Analog switch dual DPDT 6.5ohm HCT4222A	1	PCS	HCT4222ASTB	SHOULDEEP		
190	main ingre	U1700	410013690	Duplexer BAND1 1814 Inbal HHEH18CC05HEH001 TDC RF48MP	1	PCS	HHEH18CC05HEH001	TDC		
191	main ingre	U1701	410031121	Duplexer B2 1814 inbal EPIC EP7002 1225SM	1	PCS	EP7002	EPIC		
192	main ingre	U1702	179254420	RF Transceiver MT6177M	1	PCS	MT6177M/B	MTK		
193	main ingre	U1703	410028736	Duplexer BAND7 1814 unbalanced Kaiyuan 7130TF	1	PCS	EP7007	EPIC		
194	main ingre	U1707	410013399	Sound Meter 1109 HL Band40 Inbal RF48MP	1	PCS	HHFH11C640AUH001	TIANYONGHUIHUA		
195	main ingre	U1710	410013675	Duplexer BAND4 1814 Inbal SF9G33PT702 wisol RF48MP	1	PCS	SF9G33PT702	WISOL		
196	main ingre	U1713	410026245	Duplexer BAND3 1814 Inbal EPIC EP7003 919950	1	PCS	EP7003	EPICMEMS		
197	main ingre	U1716	410032376	Duplexer 1814 B8 Inbal HZ19BP	1	PCS	B8514	HZ360		
198	main ingre	U1717	410013688	Duplexer BAND8 1814 Inbal HHEH18CC05HEH001 TDC RF48MP	1	PCS	HHEH18CC05HEH001	TDC		
199	main ingre	U1719	410026266	Duplexer B28 full unbal 1814 EPC95 B1250	1	PCS	B1950B1B1250PB10	EPC95		
200	main ingre	U1720	410019258	Low Pass Filter 1600 600~2690MHz ACX	1	PCS	LF1600-B1B0B0AU/LP	ACX		
201	main ingre	U1801	410018214	RF power amplifier TXM HH8H8H4-215	1	PCS	HH8H8H4-215	HAOHOCK		
202	main ingre	U1803	410018222	RF Power Amplifier MMMB HH8H8H43-215	1	PCS	HH8H8H43-215	HAOHOCK		
203	main ingre	U1900	518000016	SUB PCB board RF48MP 4LLS HHI 0.8mm V1.2 25H-COVER-V1.	1	PCS	25H-COVER-V1.2-FR4-4 layer 1st order blind buried 0.8m	new capital		
204	main ingre	U401	410000048	Fast Charge 3A/5V CSP20 ETA6957C5U	1	PCS	ETA6957C5U	ETA		
205	main ingre Override 1	U500	179255916 179248219	Storage 1gbDR3 8Gb 178B NCL10R22508U2-V01M 1gbDR3 8Gb 178B K4B8E324EB-EGCF—Samsung	1	PCS	NCL10R22508U2 K4B8E324EB-EGCF	FORESEE SAMSUNG		
206	main ingre Override 1	U501	410019109 410015608	EMMC 153B 8GB FEMEMN004G-08A39 Memory chip 153 FPGA 8G EMMC KLMBG2GETF-B041	1	PCS	FEMEMN004G-08A39 KLMBG2GETF-B041	FORESEE Samsung		
207	main ingre	U700	410029519	Audio amplifier BCSP-14L Class-K 1.2W BCT8815TS 12ZB5D	1	PCS	BCT8815TS	SHOULDEEP		
208	main ingre	U800, U1101	410023640	Analog Switch TQFN-16L DPDT 350MHz SGM44599YTQ16/TR E2	2	PCS	SGM44599YTQ16/TR	SGMICRO		
209	main ingre	U801	410001186	Shifvic SGM SGM45743YQN12G/TR	1	PCS	SGM45743YQN12G/TR	SGM		
210	main ingre	U802	410014919	Backlight driver series 1 channel 10 TDFN AW99625DNR	1	PCS	AW99625DNR	ARINIC		
211	main ingre	U900	410030794	Single LDO DFN1x1 2.8V 300mA B1259S5	1	PCS	ASO103-28BBN	ANGSEMI		
212	main ingre	USB800	410032842	ZIF 39pin 0.9H 0.3p 0.2T Rear Lock Inmkai RF48	1	PCS	FC05-3009039A	YUNKAI		
213	main ingre	V0400	179258483	Thermal crystal 26MHZ 7pF 25ZD for MT6739	1	PCS	OZ260300001	VIC	CT2520H8264KYOCERA	ESX00A-CS11NBK
214	main ingre	Y1000	410024431	Clock crystal 32.768KHZ 12.5pf 3215	1	PCS	SF32K32T4H313T-12.5H	TKD		
215	main ingre	Y1300	410033104	Crystal 2016 27.12MHz 10pF NFC RF48	1	PCS	SX2016T27120B13T001	TKD		
216	main ingre	Z2100	410035017	RF48 BB-CUV-SHIELD 44.8m35.9m1.5 Energy Pass	1	PCS	RF48 BB-CUV-SHIELD 44.8m35.9m1.5 Energy Pass	energy pass		
217	main ingre	Z2101	410035038	RF48 FMI-CUV-SHIELD 36.9m29.2m2.8S CU spray paint ene	1	PCS	RF48 FMI-CUV-SHIELD 36.9m29.2m2.8S CU spray paint ene	energy pass		