No number	number to repl	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 6L15 HDI V11 HB	1	PCS	H2488F 6L15 HDI V11 HB	red board																		
2	main ingred	ANT800,ANT801,ANT0002,ANT2	410020402	Antenna ekrapnel 2.2*1.142.25 work height 1.6 ECT	8	PCS	H1801T001	ECT																		
3	main ingred	FB100,FB101,FB1300,FB1301,FB1	170215161	Magnetic Bead 0402 121Ω 100MHz 1200mA RoHS	7	PCS	HF2100SB121-1E2TF	SUNLORD	BKLB1005HB121MICROGATE																	
4	main ingred	B800	170052071	Magnetic Bead 0402 600Ω 100MHZ 300mA RoHS	1	PCS	BLM15AG601SN1D	MURATA	BKL1005HS601TAITAYO		SBJ1005057-CHELISIN		GZ1005H601TSUNLORD		MGGB1005B600MICROGATE											
5	main ingred	C102,C0103,C0104,C0207,C02	170201757	Capacitor 0201 10F±20% X5R 6.3V RoHS	72	PCS	C0201X5R105M6R3NT	EVANG	GRM033R60J106MEA01D		GRM033R60J106MEA01D		CL03A105MQ5AN8NNC		JK0603A8J1C TAITAYO											
6	main ingred	C105,C0211,C0213,C0215,C02	170201220	Capacitor 0201 100nF ±10% X5R DC6.3V RoHS	71	PCS	GRM033R60J104KE19D	MURATA	CM033X5R104KAYX		JMK063BJ104TAITAYO		CM033X5R0J104TTDK		CC0201X5R104EYANG											
7	main ingred	C0200,C0201,C0202,C0203,C02	170101081	Capacitor 0603 22uF±20% X5R 6.3V RoHS	15	PCS	JMK107BJ226MR-T	TAITAYO	CL10A226MQ8NSNNC		CM063X5R226EYANG		GRM188R60J226MEA01D		CL03A226MQ5AN8NNC		CC0201X6R0J226MEYANG									
8	main ingred	C0204,C1815,C1818,C1820	170180562	Capacitor 0201 470NF±20% X5R 6.3V RoHS	4	PCS	JMK063 BJ474MR-F	TAITAYO	CM063X5R474EYANG		GRM033R60J474MEA01D		CM033X5R0J474TTDK		CL03A474MQ3NSANEYANG											
9	main ingred	C0233,C0234,C501,C510,C5060	170180485	Capacitor 0201 220NF±20% X5R 6.3V RoHS	5	PCS	C0201X5R224K6R3NT	EVANG	JMK063 BJ224TAITAYO		CL03A224MQ5AN8NNC		CC0201K6R5X0 YAGEO		GRM033R60J224MEA01D											
10	main ingred	D239	170122200	Capacitor 0201 2.2uF±20% X5R 6.3V RoHS	1	PCS	C0201X5R225K6R3NTX	EVANG	JMK063BJ225TAITAYO		CL03A225MQ5AN8NNC															
11	main ingred	C0302,C0311,C0333,C0340,C03	170190652	Capacitor 0402 4.7uF±20%X5R DC6.3V RoHS	10	PCS	C0402X5R475M6R3NT	EVANG	JMK105BJ475TAITAYO		CL05A475MQ5AN8NNC		GRM155R60J475MEA01D													
12	main ingred	C0309,C0312,C0320,C0326,C03	410020686	Capacitor 0402 2.2UF±20% DC6.3V X5R RoHS	13	PCS	RM JMK105 BJ225MR-F	TAITAYO	GRM155R60J225MEA01D		CL05A225MQ5NSNNC		CC0402MRX5R7BB220													
13	main ingred	C0310,C414,C806,C914,C5051	170133068	Capacitor 0603 10UF±20% X5R DC6.3V RoHS	9	PCS	C0603X8R6X5R5B5R106	YAGEO	GRM188R60J106MEA01D		CC0603KRX5R5BB106		JMK107BJ106TAITAYO		ECJ1VB0J106PAMASNICC											
14	main ingred	C0327, TVS1111	188512645	Capacitor 0402 10F±10% X5R 6.3V RoHS	2	PCS	GRM155R60J105KE19J	MURATA	RM JMK105 F TAITAYO		CC0402KRX5R7BB105		RM JMK105 F TAITAYO		C1005X5R0J105K											
15	main ingred	C403,C0404,C0405,C808,C10	170180054	Capacitor 0201 4.7uF±0.25pF C0G 25V RoHS	5	PCS	TMK063 C4R7CJ-F	TAITAYO	C0201C4R7CJ1PENGHUA		GRM0335C1H4R7MURATA															
16	main ingred	C0608	170117468	Capacitor 0201 4.7uF±10% X5R 10V RoHS	1	PCS	GRM033R61A472KE01D	MURATA	JMK063BJ472TAITAYO		CM033X5R472EAYX		CC0201X5R472EYANG		C0201472K10PENGHUA											
17	main ingred	C0612,C0617,C1024,C1212,C12	170011224	Capacitor 0201 33pF±10% DC250 RoHS	30	PCS	TMK063 C330J1-F	TAITAYO	C0201C330J3EYANG		C0201J330J3EYANG		CC0201C0G33EYANG		C0201C330J2PENGHUA											
18	main ingred	C0613	170180312	Capacitor 0201 2.2pF±0.25pF C0G 25V RoHS	1	PCS	TMK063 C2R2CT-F	TAITAYO	C0201C2R2C1PENGHUA																	
19	main ingred	C0615,C0616,C0618,C1544,C18	170173867	Capacitor 0201 22PF±10% DC250 RoHS	7	PCS	CC0201JKNPO9BN220	YAGEO	C0201C220J1EYANG		C0201C0G22EYANG		C0201C220J1PENGHUA													
20	main ingred	C0619	170180482	Capacitor 0201 33NF±20% X5R 10V RoHS	1	PCS	C0201X5R333K6R3NTX	EVANG	JMK063 BJ333TAITAYO		C0201X3R3K1EYANG		CC0201KRX5R6BB333	YAGEO												
21	main ingred	C1004,C1006,C1005,C1331,C1339	188127514	Capacitor 0201 18pF±5% C0G 25V RoHS	4	PCS	C0603C0G1R8K3T	TDK	C0201C0G1R8D1JT		GRM033R61E18MURATA		RM TMK063 C TAITAYO		CC0201JPNPO7AE20											
22	main ingred	C1030,C1208,C1209,C1419	410032253	Capacitor 0402 220nF±10% 10V RoHS	4	PCS	C0402X5R224K6R3NTN	EVANG																		
23	main ingred	C1204, C1205	410035335	Capacitor 0603 330nF±10% 16V RoHS	2	PCS	CL10B334KO8NNNC	samsung																		
24	main ingred	C1303, C1324	170133865	Capacitor 0402 1NF±10% X7R 50V RoHS	2	PCS	C0402C102K7R9B102	YAGEO	GRM155R71H102MURATA		UMK105B7102TAITAYO		CL05B102JB5SNSNC		C0402X7R102EYANG											
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	170081962	Capacitor 0402 220PF ±5% DC50V RoHS	2	PCS	C1005C0G1H221J	TDK	GRM155C1H221JMURATA		UMK105CG221TAITAYO		CC0402JRNPC YAGEO		CL05C221JB5SNSNNC											
28	main ingred	C1309, C1318	410007249	Capacitor 0402 39pF ±5% C0G DC50V	2	PCS	GRM1555C1H390JA01D	Murata																		
29	main ingred	C1315, C1396	410007328	Capacitor 0402 15pF ±5% C0G DC50V	2	PCS	GRM1555C1H151JA01D	Murata																		
30	main ingred	C1325, C1326, C1330	170133840	Capacitor 0603 4.7uF±10%X5R DC6.3V RoHS	3	PCS	GRM188R60J475KE19D	MURATA	GRM188R60J475MEA01D		C1608X5R0J475KT		JMK107BJ475TAITAYO		CV105X5R475K10CEBA											
31	main ingred	C1340,C1415,C1417,C1420,C14	410008172	Capacitor 0603 22uF±20% 10V X5R	11	PCS	GRM188R61A226ME15D	Murata																		
32	main ingred	C1404, C1507	170112992	Capacitor 0402 100NF ±10% X5R DC25V RoHS	2	PCS	C1005X5R1E104K7	TDK	MLG0603P125TATITO																	
33	main ingred	C1503,C1523,C1610,C1612	170211860	Capacitor 0402 10UF±10% X5R 10V RoHS	4	PCS	C0402X5R105K6R7NTB	EVANG	C1.05A105KP25SAMSUNG		GRM155R61A105MATA		LMK105BJ105TAITAYO													
34	main ingred	C1514	170133889	Capacitor 0402 4.7NF±10% DC50V RoHS JP+CN	1	PCS	CC0402KRX7R9BB472	YAGEO	GRM155R71H472MURATA		C1005X7R1H472K		UMK105BJ472TAITAYO		CL05B472KB5SNSNNC											
35	main ingred	C1524, R1200, R1211, R1530	170241871	Resistance 0201 12K0 ±1% 0.05W RoHS	4	PCS	RC0201FR-0712KL	YAGEO	RC-01W12JFTPENGHUA		RMCF1/16J12K T-1															
36	main ingred	C1541, D1801, D1802	410000610	Anti-surge diode PTVS8C2E54V8UA vbat	3	PCS	PTVS8C2E54V8UA	PRISEMI																		
37	main ingred	C1700,C1836,L1709,L1740,L18	170074816	Resistance 0201 0Ω ±5% 0.05W RoHS	41	PCS	ERJ1GE0R00C	PANASONIC	MCR00402PJ0R00M		RC0201_JR-07YAGEO		WR02X000 PTWALSIN		RC0201_JX000EYANG											
38	main ingred	C1701, C1715, L1828	170210595	Inductance 0201 1.8NH ±0.3NH R08S	3	PCS	SDCL0603A1N8STG2S01	SUNLORD	MLG0603P1N8 TDK		SDCL0603A1N8STG2S01															
39	main ingred	C1703,L1702,L1801	170180204	Capacitor 0201 1.8pF±0.25pF C0G 50V RoHS	2	PCS	TMK063 C1R8CT-F	TAITAYO	C0201C1R8C1EYANG		C0201C1R8C1PENGHUA															
40	main ingred	C1711, L1700	170152814	Inductor 0201 2.4NH ±0.1NH R08S	2	PCS	SDCL0603G2N4STG2S01	SUNLORD	SDCL0603G2N4STG2S01																	
41	main ingred	C1716, L0604	170210561	Inductor 0201 1NH ±0.3nH R08S	2	PCS	SDCL0603G1N0STG2S01	SUNLORD	MLG0603P1N0 TDK		SDCL0603G1N0STG2S01															
42	main ingred	C1717, C1744, C1745, C1748	170173929	Capacitor 0201 47pF±5% C0G 25V RoHS	4	PCS	CC0201JKNPO9BN470	YAGEO	C0201C0G470J1EYANG		C0201C0G470J1PENGHUA															
43	main ingred	C1718	170180284	Capacitor 0201 1.2pF±0.25pF C0G 25V RoHS	1	PCS	TMK063 C1R2CT-F	TAITAYO	C0201C0G1R2C1PENGHUA		C0201C1R2C1PENGHUA															
44	main ingred	C1800, L1813, L1816	170227462	Inductance 0201 3NH ±0.3NH R08S	3	PCS	SDCL0603G3N0STG2S01	SUNLORD	SDCL0603G3N0STG2S01																	
45	main ingred	C1833, L1828, C1722, L1822	170209360	Capacitor 0201 1pF±0.1pF C0G 25V RoHS	4	PCS	CC0201C0G1R0B250NTA	EVANG	CL03C010B0J250NNNC		CC0201BNNPC YAGEO															
46	main ingred	C1834, C1835, B608	170180333	Capacitor 0201 3.3pF±0.25pF C0G 25V RoHS	3	PCS	TMK063 C3R3CT-F	TAITAYO	C0201C3R3C1PENGHUA																	
47	main ingred	C411, C513, C0602, C0604, C0610	170101105	Capacitor 0201 100PF ±5% C0G DC25V RoHS	22	PCS	GRM0335C1H101JD01D	MURATA	GRM0335C1H101MURATA		TMK063CG101J AYX		CM03CG101J AYX		C0603CG101J TDK											
48	main ingred	C412, C414, C1200, C1329, C1336	170208536	Capacitor 0603 10uF±20% X5R 10V RoHS	13	PCS	C0603X5R106M6R3NNT	EVANG	GRM188R61A106MEA01D		CL10A106MP8NSNNNC															
49	main ingred	C413, C1020, C1031, C1032, C10	170274677	Capacitor 0201 100nF±20% X5R 10V RoHS	22	PCS	C0201X5R104M6R3NTA	EVANG																		
50	main ingred	C416, C703, C706, C1206, C1411	170220794	Capacitor 0402 2.2UF±20% X5R 10V RoHS	7	PCS	C0402X5R225K6R3NTB	EVANG	RMLL0402AB225TAITAYO																	
51	main ingred	C516, C3607, C1034, C1211, C13	170175048	Capacitor 0201 0.01UF±10% X7R 16V RoHS	11	PCS	CC0201KRX7R7BB103	YAGEO	C0201X7R103K1EYANG		C0201B103K16PENGHUA															
52	main ingred	C700, C707	170104114	Capacitor 0201 22nF ±10% X5R DC6.3V RoHS	2	PCS	GRM0335C1H103JD01D	MURATA	GRM0335R2230AYX		JMK063BJ223TAITAYO		CM033X5R0J223TTDK		CC0201KRX5R7BB223											
53	main ingred	C704, C1810	189634169	Capacitor 0201 220PF±10% X7R 16V/50V RoHS	2	PCS	GRM0335R1C221JD01D	MURATA	C0603X7R101J2AYX		C0201C221K3AYX		CC0201KPX7R YAGEO		CC0201KRX7R7BB221											
54	main ingred	C708, C709, C1201, C1217, C1218	170173846	Capacitor 0201 1nF±10%/20% X7R 25V RoHS	8	PCS	CC0201KRX7R8BB102	YAGEO	C0201X7R102K2EYANG		GRM0335R71E102MATA		C0201B102K2PENGHUA													
55	main ingred	C715, C716, C814, C927, C1006, C	187960384	Capacitor 0201 56pF±5% C0G 25V RoHS	12	PCS	C0603C0G1E560JT	TDK	GRM0335C1E560JA01D		C0201A560JA1YX		RM TMK063 C TAITAYO		CC0201JNPO7AE20											
56	main ingred	C811	170148773	Capacitor 0603 10F±10% X5R 35V RoHS	1	PCS	GMK107BJ105KA	TAITAYO	CL10A105KA5NSNNNC		C0603X5R105E16AYX		CL10A105KB8NSNNNC													
57	main ingred	C812	170133785	Capacitor 0402 560PF±5% DC50V RoHS	1	PCS	CC0402JKNPO9BN560	YAGEO	GRM155C1H561JA01D		C1005C561J5GAYX		UMK105C561JTAITAYO		CL05C560JB5SNSNNC											
58	main ingred	C813	170207126	Capacitor 0201 62PF ±10% 6.3V RoHS	1	PCS	CC0201KRX5X7BB620	EVANG	CC0201KRX5X7BB620																	
59	main ingred	C906, C910, C1022, C1023, C102	170180388	Capacitor 0201 10pF±0.5pF C0G 25V RoHS	6	PCS	TMK063 C100D1-F	TAITAYO	C0201C0G100D1EYANG		C0201C100D1PENGHUA															
60	main ingred	D1511	170237299	Surge diode DFN2×2-3L 4.5V 3000W	1	PCS	PTVS8C2E4V5SB	PRISEMI																		
61	main ingred	D1518	410013804	Schottky diode SS1401SF SOD123 40V 1A R248	1	PCS	SS140-F	PRISEMI	PN SILICON																	
62	main ingred	D1517, D1518, D1519	410013055	Schottky diode SM8F 40V 5A R248	3	PCS	PSB8A F40V5	PRISEMI																		
63	main ingred	D1601, D1605	410010359	Surge tube one-way SOD123 24V 600W 500V	2	PCS	PTVS18C1TF24VU	PRISEMI																		
64	main ingred	D700, D800, D801, D1000, D1	170132150	Schottky diode RB520S SOD523 40V	13	PCS	RB520S-40	DIODES	RB520S-40TRBHM		RB520SM-40TRHBM		PSB05208-40PRESEMI		RB520S-40 JESTEK		RB520S-40 YANGJIE		PSB5215-40 PN Silicon							
65	main ingred	D702	170100009	LED blue 0603 R=0.4mm RoHS	1	PCS	19-217SBHC	EVERLIGHT	HL-HB5366-7BRIGHT LED		BHC-2L1MD8EVERLIGHT		HT-193NBS	HAYATEK	A-SP1948IC-AMICC											
66	main ingred	D703	410034023	LED 0603 R=0.4mm bright yellow positive light R248	1	PCS	19-213/Y5C-QRUNY2V-3T	EVERLIGHT																		
67	main ingred	D704	410013042	Light Emitting Diode 0603 R=0.4mm Emerald Green Positi	1	PCS	19-217/GHC-YR1S2/3T	EVERLIGHT																		
68	main ingred	D705	170073257	LED 0603 Red RoHS	1	PCS	19-217/Rsc-AL1M2VY-3T	EVERLIGHT																		
69	main ingred	FB1100,E700,E719,E812,E906,	170060285	Resistance 0402 0Ω ±5% 0.062W RoHS	8	PCS	MCR02EZP0000 R08S	ROHM	ERJ2GE0R00X PANASONIC		RC0402_JR-07YAGEO		RR05105-00C CYNTEC		WR04X000PTLWALSIN											
70	main ingred	G1100	410032520	SIM card holder large card 2.88MP R248	1	PCS	CT34-3	MEP																		
71	main ingred	G1101	410004385	T card holder flip type 13.5*13.04L 6 There is dete	1	PCS	TO2-H0806F160	HONGRIDA																		
72	main ingred	G1102	410032334	SIM card holder large card 3.0H double layer MEP R248	1	PCS	CT46-1	MEP																		
73	main ingred	G1200	410033188	ZIF10pin2.0H0.5p front lock Leam R248	1	PCS	0.5S-2X-10PHB-460	LINKSHI																		
74	main ingred	G1201	410033968	IC card holder.8PIN1.27pitch4.0H with positioning foot	1	PCS	MEP-C868-6	Dehongmay																		
75	main ingred	G1400	410033170	ZIF24pin4.05H0.5p Vertical Tixinyra R248	1	PCS	0.5A-24PH	VIXINYING																		
76	main ingred	G1500	410033125	Horizontal waferpin4.60H1.25p Leam R248	1	PCS	L.25-2-4PWH-T	LINKSHI																		
77	main ingred	G1501	410033107	Horizontal waferpin4.0H2.0p Tixinying R248	1	PCS	L.0T-2-4PWH	VIXINYING																		
78	main ingred	G1600	410024006	TYPE-C 16PIN sinking board 1.6 board 1.5H JBXY	1	PCS	UCB2H-16121602-01	Jingrui Xingyu																		
79	main ingred	G1601	410033191	ZIF9pin4.40H.5p Vertical Leam R248	1	PCS	0.5S-1-8PH	LINKSHI																		
80	main ingred	G500, J501	410019528	ZIF 25pin 1.0H 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	HUSHENG																		
82	main ingred	L0300, L0301	170203681	Wirewound Power Inductor 2016 0.47uH±20% 4.3A RoHS	2	PCS	WPN2016100M0 47MT	SUNLORD	WPN201610M0 47MICROGATE		WPL1A201610-M1CROGATE		WAKE2016HR4TAITYO		DFE2016BPT-TOKO											
83	main ingred	L0302, L0303, L0304	170208417	Wirewound Power Inductor 2016 1uH±20% 2.4A RoHS	3	PCS	PCS0201617-1R0MS	CYNTEC	WPN201610M1 0MICROGATE		WPL1A201610-M1CROGATE															
84	main ingred	L0609	170210582	Inductance 0201 1.5NH ±0.3NH R08S	1	PCS	SDCL0603A1N5STG2S01	SUNLORD	MLG0603P1N5 TDK		SDCL0603A1N5STG2S01															
85	main ingred	L0611, L1757, L1770	170210578	Inductance 0201 6.2NH ±0.3NH R08S	3	PCS	SDCL0603A6N2STG2S01	SUNLORD	SDCL0603A6N2STG2S01																	
86	main ingred	L0612, L1827	170210719	Inductance 0201 3.3NH ±5% R08S	2	PCS	SDCL0603A3N3STG2S01	SUNLORD	SDCL0603A3N3STG2S01																	
87	main ingred	L0613	170180218	Inductor 0201 47NH ±5% R08S	1	PCS	SDCL0603A47NJTG2S01	SUNLORD	MGCL0603B47MICROGATE		HC0603F-47TAI-TECH		SDCL0603A47SUNLORD													
88	main ingred	L1300, L1301	S180000529	SMD inductor 1008 680nH±5% 400mA R248 3G5.05.0005	2	PCS	SMD inductor 1008 680nH±5% 400mA R248 3G5.05.0005	new capital																		
89	main ingred	L1500	410031117	Winding Inductance 0603S 2.2uH±20% 14A R248	1	PCS	WHL406035-2R2MT	SUNLORD																		
90	main ingred	L1501, L1502	410033034	Winding Inductance 4020 2.2uH±20% 7.1A R248	2	PCS	WPN402082R2MT	SUNLORD																		
91	main ingred	L1707	170229268	Inductance 0201 2.0NH ±0.3NH R08S	1	PCS	SDCL0603A2N0STG2S01	SUNLORD	SDCL0603A2N0STG2S01																	
92	main ingred	L1726, L1746, L1820, C1720	170211097	Inductor 0201 2.2NH ±0.3nH R08S	4	PCS	SDCL0603A2N2STG2S01	SUNLORD	MLG0603P2N2 TDK		SDCL0603A2N2STG2S01															
93	main ingred	L1727, L1758, C1848	170210615	Inductance 0201 3.3NH ±0.3NH R08S	3	PCS	SDCL0603A3N3STG2S01	SUNLORD	MLG0603P3N3 TDK		SDCL0603A3N3STG2S01															
94	main ingred	L1731, L1821, C1829, L1729	170210644	Inductance 0201 4.7NH ±0.3NH R08S	4	PCS	SDCL0603A4N7STG2S01	SUNLORD	MLG0603P4N7 TDK		SDCL0603A4N7SUNLORD															
95	main ingred	L1736, B1804	170210574	Inductance 0201 1.2NH ±0.3NH R08S	3	PCS	SDCL0603A1N2STG2S01	SUNLORD	MLG0603P1N2 TDK		SDCL0603A1N2SUNLORD															
96	main ingred	L1748	170252813	Inductor 0201 3.0NH ±0.1NH R08S	1	PCS	SDCL0603A3N0STG2S01	SUNLORD	SDCL0603A3N0STG2S01																	
97	main ingred	L1750	170252572	Inductor 0201 6.8NH ±0.1NH R08S	1	PCS	SDCL0603A6N8STG2S01	SUNLORD	SDCL0603A6N8STG2S01																	
98	main ingred	L1752, L1803, L1819, L1801, L18	170205049	Capacitor 0201 0.5pF±0.1pF C0G 25V RoHS	5	PCS	CC0201C0G0R5B250NTA	EVANG	CL03C0R5BA25SAMSUNG		CC0201BNNPC YAGEO		GRM0335C1H8R0MURATA													
99	main ingred	L1753, L1762, L1773	170210701	Inductance 0201 8.2NH ±5% R08S	3	PCS	SDCL0603A8N2JTG2S01	SUNLORD	MLG0603P8N2 TDK		SDCL0603A8N2SUNLORD															
100	main ingred	L1761	170211724	Inductance 0201 5.1NH ±0.3NH R08S	1	PCS	SDCL0603A5N1STG2S01	SUNLORD	SDCL0603A5N1SUNLORD																	
101	main ingred	L1772	170210730	Inductance 0201 12NH ±5% R08S	1	PCS	SDCL0603A12NJTG2S01	SUNLORD	MLG0603P12N TDK		SDCL0603A12NSUNLORD															
102	main ingred	L1802	170210751	Inductance 0201 18NH ±5% R08S	1	PCS	SDCL0603A18NJTG2S01	SUNLORD	MLG0603P18N TDK		SDCL0603A18NSUNLORD															
103	main ingred	L1809	170210602	Inductance 0201 2.7NH ±0.3NH R08S	1	PCS	SDCL0603A2N7STG2S01	SUNLORD	MLG0603P2N7 TDK		SDCL0603A2N7SUNLORD															
104	main ingred	L1812	170210669	Inductance 0201 7.5NH ±5% R08S	1	PCS	SDCL0603A7N5JTG2S01	SUNLORD	SDCL0603A7N5SUNLORD																	
105	main ingred	L1814	170180292	Capacitor 0201 1.5pF±0.25pF C0G 25V RoHS	1	PCS	CC0201C0G1R5C250NTA	EVANG	CC0201C1R5C1PENGHUA																	
106	main ingred	L1825	170180177	Inductor 0201 22NH ±5% RoHS	1	PCS	SDCL0603A22NJTG2S01	SUNLORD	MGCL0603B22MICROGATE		HC0603F-22TAI-TECH		SDCL0603A22SUNLORD													
107	main ingred	L400	170172860	Wire wound power inductor 2520 1uH±20% 2.55A RoHS	1	PCS	PHL72520107-1R0MER	CYNTEC	PHL72520107-CYNTEC		SPH2520100R0SUNLORD		UHP2520100R0TAI-TECH													
108	main ingred	L800	170255549	Winding Inductance 2520 10uH ±20% 0.8A	1	PCS	WPN252010H0100MT	SUNLORD																		
109	main ingred	L801	170210686	Inductance 0201 6.8NH ±5% R08S	1	PCS	SDCL0603A6N8JTG2S01	SUNLORD	SDCL0603A6N8SUNLORD																	
110	main ingred	L400, Q1501, Q1600	410013097	PMOS SOT23 12V 5A WPM04R3 R248	3	PCS	WPM04R3	WILLSEMI																		
111	main ingred	L1502	410025368	PNP transistor SC-89 -5V -0.15A L2SA1774QT1G	1	PCS	L2SA1774QT1G	LRC																		
112	main ingred	Q700, Q701, Q702, Q703, Q704, Q8	170093640	NPN transistor 45V 0.1A SC-89 BCR47RE	13	PCS	BCR47RE,115	NXP																		
113	main ingred	Q1100	170190523	Resistor 0201 5.9K±0.1% 0.05W RoHS	1	PCS	RC0201FR-075K9L	YAGEO	RR0201S1005F1WALSIN		RC-01R5K9FTPENGHUA		RMCF75V101 Ta-I		CR0201FR5101.12											
114	main ingred	Q1101, R1700	170220628	Resistor 0201 36.0 ±1% 0.05W RoHS	2	PCS	RC0201FR-0736RL	YAGEO	RC-01R36RFTPENGHUA		RMCF75R36RT Ta-I															
115	main ingred	Q1102	189742135	Resistor 0201 1.5M±0.1% 0.05W RoHS	1	PCS	RC0201FR-071M5L	YAGEO	MCR00402PF1R00M		CR1/20151PFHUK		WR02X1501FJWALSIN		RC-01W152FTPENGHUA											
116	main ingred	Q1104, R414, R435, R701, R703, R	170103361	Resistor 0201 1K0 ±5% 0.05W RoHS	14	PCS	MCR00402PJ102	ROHM	ERJ1GEJ102C PANASONIC		RC0201_JR-07YAGEO		WR02X102 JJWALSIN		RC0201R331G2EYANG											
117	main ingred	Q1105, R0111, R0112, R0113, R03	170201715	Resistor 0201 4.7K±0.5% 0.05W RoHS	11	PCS	RC0201JR-074K7L	YAGEO	WR02X472 JJWALSIN		RC-01W472JFTPENGHUA		RMCF1/16J472 TA-I													
118	main ingred	Q1106, R705, R710	170101329	Resistor 0201 470Ω ±5% 0.05W RoHS	3	PCS	MCR00402PJ471	ROHM	ERJ1GEJ471C PANASONIC		RC0201_JR-07YAGEO		RC-01W471JTPENGHUA		RMCF1/16J471 TA-I											
119	main ingred	Q1117, R0118	170215862	Resistance 0201 300KΩ ±1% 0.05W	2	PCS	RC0201FR-07300K	YAGEO	RMCF0TN300T Ta-I																	
120	main ingred	Q1119, R0120	170229594	Thermistor 0201 100KΩ 1% 4250K RoHS	2	PCS	NTCG064EF104FTBS	TDK	NRT0603C3145amlord																	
121	main ingred	Q1300	170220869	Resistor 0201 1Ω ±5% 0.05W RoHS	1	PCS	RC0201JR-071RL	YAGEO	RC-01W1R0JFTPENGHUA		RMCF1/TN1R0 TA-I															
122	main ingred	R401, R5609	170104890	Resistance 0201 1.5Ω ±5% 0.05W RoHS	2	PCS	MCR00402PJ152	ROHM	ERJ1GEJ152C PANASONIC		RC0201_JR-07YAGEO		WR02X152 JJWALSIN		RC-01W152JTFENGHUA											
123	main ingred	R402	170201548	Resistance 0201 220KΩ ±5% 0.05W RoHS	1	PCS	MCR00402PF2224	ROHM	ERJ1GEJ224C PANASONIC		RC0201_JR-07YAGEO		RC-01W224JFTPENGHUA		RMCF1/TN224 TA-I											
124	main ingred	R406	170200713	Resistance 0201 330KΩ ±1% 0.05W RoHS	1	PCS	RC0201FR-07330KL	YAGEO	WR02X3303FJWALSIN		RC-01W334JFTENGHUA		RMCF1TN330 TA-I													
125	main ingred	R407	170105012	Resistance 0201 39KΩ ±1% 0.05W RoHS	1	PCS	MCR00402PJ393	ROHM	ERJ1GEJ393C PANASONIC		RC0201FR-07YAGEO		RC-01W393JFTENGHUA		WR02X393 JJWALSIN											
126	main ingred	R410, R1315, R1416, R1611	170101486	Resistor 0201 100KΩ ±1% 0.05W RoHS

156	main ingre	R411	179173263	Resistance 0805 0.050Ω ±1% 0.25W RoHS	1	PCS	RL0805FR-7R050L	YAGEO	RF9-050R050FENGHUA	
157	main ingre	R502, R503	179220864	Resistor 0201 240Ω ±1% 0.05W RoHS	2	PCS	RC0201FR_07240RL	YAGEO	RR02X240OFJWALSIN	RC-01R241FFENGHUA RM02FTN240C TA-I
158	main ingre	R504, R505	179180515	Resistor 0201 7.5K Ω ±5% 0.05W RoHS	2	PCS	RC0201JR-0775KL	YAGEO	RC-01R752JFENGHUA RM02ZTN752 TA-I	
159	main ingre	R707, R708	179105033	Resistor 0201 330Ω ±5% 0.05W RoHS	2	PCS	MCR00603ZP3331	ROHM	ERJ1GEJ331C PANASONIC RC0201JR-07YAGEO RM02ZTN331 TA-I	
160	main ingre	R714, R1021, R1111, R1112, R113	179101465	Resistance 0201 47KΩ ±5% 0.05W RoHS	16	PCS	MCR00603ZP2473	ROHM	ERJ1GEJ473C PANASONIC RC0201JR-07YAGEO WR02X473 JTWALSIN RC-01R473JFENGHUA	
161	main ingre	R715, R716, R1420	179010772	Resistance 0201 3.3KΩ ±5% 0.05W ROHS	3	PCS	RC0201JR-073K3L	YAGEO	WR02X332 JTWALSIN RC-01R332JFENGHUA RM02ZTN332 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-01R330JTFENGHUA RM02ZTN330 TA-I	
163	main ingre	R815, R816	179223828	Resistor 0201 10Ω±1% 0.05W RoHS	2	PCS	RC-01R100FT	FENGHUA	RC0201FR-07R10RL TAI-I	
164	main ingre	FP1100	410031604	R248 BB-FR4-SHIELD 44.5m35.6m1.8S CU spray paint energy	1	PCS	R248 BB-FR4-SHIELD 44.5m35.6m1.8S CU spray paint energy	energy pass		
165	main ingre	FP1101	410031625	R248 FMI-FR4-SHIELD 36.6m29m1.2 CU spray paint energy	1	PCS	R248 FMI-FR4-SHIELD 36.6m29m1.2 CU spray paint energy	energy pass		
166	main ingre	FP1102	410035046	R248 CPUCPA-SHIELD 12.25m10.6m1.5 CU spray paint energy	1	PCS	R248 CPUCPA-SHIELD 12.25m10.6m1.5 CU spray paint energy	energy pass		
167	main ingre	TVS1200, TVS1201, TVS1501,	179016589	Single bidirectional TVS 3V/12pF	9	PCS	PESD9C3F005B5	PRISEMI		
168	main ingre	TVS1603, TVS1609	179213655	TVS Dual DFN1006-3L 5V 2pF	2	PCS	ESD5124ZR-3/TR	WILLSEMI		
169	main ingre	U200	410028588	BB IC 9M CAT4 MT8765B/WA	1	PCS	MT8765B/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	TFI2016H50MT-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	410009852	Low Noise Amplifier GPS/GNSS 1.5v1.8V AW26052DNZ	1	PCS	AW26052DNZ	AWINIC	AW5005EDNR AWINIC	
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 16CC5005ZBF3 HZ37D	1	PCS	16CC5005ZBF3	HXZ		
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 H2	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	SGM45563YUQN12G/TR	SGMICRO		
180	main ingre Override 1	U1005	179220350 410033667	LDO single 3.3V WL2810D33-4/TR LDO single DFN1x1 3.3V 300mA ASV103-330BN H248	1	PCS	WL2810D33-4TR ASV103-330BN	WILLSEMI ANSEMI	ETS1533YB ETEK	
181	main ingre	U1200	518000012	IC card driver chip HWQFN32 2.7-5.5V 225mA HR12258N/C2	1	PCS	IC card driver chip, HR12258N/C2(5L), HWQFN32, 2.7-5.5	new capital		
182	main ingre	U1300	518000014	Contactless read and write chip QFN32 5V 13.56MHz PR17	1	PCS	Contactless chip, PR17000L, QFN32, 5.0V, 13.56MHz, Fudan	new capital		
183	main ingre	U1400	410031826	Motor drive TQFN-3*3 dual 700mA G2053B41U 01.HO.0365 H	1	PCS	G2053B41U	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 H248MP	1	PCS	G2283AV11U	to new technology		
187	main ingre	U1505	518000006	Buck chip SOT23-6 0.765V 3A TMI12531 1G2 01.HO.0907 H2	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 AW32901FCR	2	PCS	AW32901FCR	AWINIC		
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 HHEU18CC05EB0001 TDC H248MP	1	PCS	HHEU18CC05EB0001	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 H248MP	1	PCS	HHFB11C1L40AUB001	TIANYONGHUIUBA		
195	main ingre	U1710	410013675	Duplexer BAND4 1814 Inbal SF9G33PT702 wisol H248MP	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 BB Inbal HZ19BP	1	PCS	BB514	HZ360		
198	main ingre	U1717	410013688	Duplexer BAND8 1814 Inbal HHEU18CC05EB0001 TDC H248MP	1	PCS	HHEU18CC05EB0001	TDC		
199	main ingre	U1719	410026266	Duplexer B28 full unbal 1814 EPC95 B1250	1	PCS	B1950B1B1250P810	EPC95		
200	main ingre	U1720	410019258	Low Pass Filter 1600 600~2600MHz ACX	1	PCS	LF1600-B1B600AU/LF	ACX		
201	main ingre	U1801	410018214	RF power amplifier TXM HH8804H-215	1	PCS	HH8804H-215	HAROCCK		
202	main ingre	U1803	410018222	RF Power Amplifier MMMB HH8804J-215	1	PCS	HH8804J-215	HAROCCK		
203	main ingre	U1900	518000016	SUB PCB board H248MP 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-BGCP--Samsung	1	PCS	NCL10R22508U2 K4B8E324EB-BGCP	FORESEE SAMSUNG		
206	main ingre Override 1	U501	410019109 410015608	EMMC 153B 8GB FEMDN08004G-08A39 Memory chip 153 FPGA 8G EMMC KLMBG2GETP-B041	1	PCS	FEMDN08004G-08A39 KLMBG2GETP-B041	FORESEE Samsung		
207	main ingre	U700	410029519	Audio amplifier BCSP-14L Class-T 1.2W BCT8815TS 12ZB5D	1	PCS	BCT8815TS	SHOULDEEP		
208	main ingre	U800, U1101	410023640	Analog Switch TQFN-16L DPDT 350MHz SGM44599YTQ16/TR H2	2	PCS	SGM44599YTQ16/TR	SGMICRO		
209	main ingre	U801	410001186	Shifvic SGM SGM45743VQN12G/TR	1	PCS	SGM45743VQN12G/TR	SGM		
210	main ingre	U802	410014919	Backlight driver series 1 channel 10 TDFN AW99625DNR	1	PCS	AW99625DNR	AWINIC		
211	main ingre	U900	410030794	Single LDO DFN1x1 2.8V 300mA B1259S0	1	PCS	ASV103-28BN	ANSEMI		
212	main ingre	XN800	410032842	ZIF 39pin 0.9H 0.3p 0.2T Rear Lock Inmkai H248	1	PCS	FC05-3009039A	YUNKAI		
213	main ingre	U0400	179258483	Thermal crystal 26MHZ 7pF 25ZD for MT6739	1	PCS	OZ26030001	YIC	CT2520H8264XYOCERA	ESX00A-C5114N0K
214	main ingre	Y1000	410024431	Clock crystal 32.768KHZ 12.5pf 3215	1	PCS	SF32K32T4H313T-12.5H	TKD		
215	main ingre	Y1300	410033104	Crystal 26M 27.12MHz 10pF NFC H248	1	PCS	SX2016T2126B13T001	TKD		
216	main ingre	Z1100	410035017	R248 BB-CUV-SHIELD 44.8m35.9m1.5 Energy Pass	1	PCS	R248 BB-CUV-SHIELD 44.8m35.9m1.5 Energy Pass	energy pass		
217	main ingre	Z2101	410035038	R248 FMI-CUV-SHIELD 36.9m29.2m1.8S CU spray paint ene	1	PCS	R248 FMI-CUV-SHIELD 36.9m29.2m1.8S CU spray paint ene	energy pass		