

版本: V1.0版

Type of document		BOM				The version number		J523B_32ED3E
The serial number	state	Material code	The name of the material	describe	manufacturer	model	A no.	
1	Main ingredient	09.9832E00000	CPU	SC9832E;774ball;FC VFBGA;13*12.6;040;BB;LTE	SPREADTRUM	SC9832E	U2100	
2	Main ingredient	09.2721G00000	PMU	PMU,SC2721G;166;FCVFBGA;5.8*6.2;040	SpreadTrum	SC2721G	U0200	
3	Main ingredient	10.1815708700	SAW DPX;	SAW DPX;2450MHz;1575MHz;1.6*0.8*0.7mm	MURATA	LFD181G57DPFC087	U7200	
	Alternative material	10.1608060620	GPS SAW DPX	Multilayer Ceramic Diplexer GPS 1.57 GHz/ISM 2.4 GHz Band	Walsin	RFDIP1608060TS6T20		
	Alternative material	10.1608060970	GPS SAW DPX	Multilayer Ceramic Diplexer GPS 1.57 GHz/ISM 2.4 GHz Band	WALSIN	RFDIP1608060T97Q1C		
4	Main ingredient	10.0202442000	WIFI SAW	WIFI SAW Filter,Unbalanced,IL=1.2dB,1.45*1.15*0.70mm	CETC	NDFG020-2442SA	U7204	
5	Main ingredient	10.0451580000	GPS SAW	GPS SAW Filter,Unbalanced,1575.42MHz,1.15*0.95*0.65mm	CETC	NDFH045-1580SA	U7202	
	Alternative material	10.3158110900	GPS SAW	GPS SAW Filter,Unbalanced,1575.42MHz,1.15*0.95*0.65mm	CETC	NDFH003-1580SA		
6	Main ingredient	09.0515000000	GPS LNA	GNSS,LNA,DFN-6L,1.1*0.9*0.45mm	AWINIC	AW5015DNR	U7203	
7	Main ingredient	09.3692000000	BL Driver	Series backlight drive,Vfb=0.2V,max=36V,SOT23-6	BROADCHIP	BCT3692BEUT-TR	U1000	
8	Main ingredient	05.4010000000	Schottky	Schottky Barrier Diode;40V;0.5V/1A;SOD-323	Prisemi	PSBD3D40V1H	D1000	
	Alternative material	05.0140S00000	Schottky	Schottky Barrier Diode;40V;0.5V/1A;SOD-323	ECORE	ECDCH0140S		
9	Main ingredient	09.RPM6743310	RFPA	MMMB Power Amplifier Module;4.0*6.	RDA	RPM6743-31	U0601	

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10	Main ingredient	09.RTM791651	RFPA	RFPA,5.5*5.3*0.8mm	RDA	RTM7916-51	U0705
11	Main ingredient	09.3593A00000	Transceiver	SR3593A;123;FCVFBGA;4.5*4.5*0.85mm;0.35mm pitch;RF;4G	SpreadTrum	SR3593A	U0600
12	Main ingredient	08.2Z26000002	Crystal	TSX;26MHZ;+/-10ppm;9pf;2.5*2.0mm	FAILONG	2Z26000002	X0600
	Alternative material	08.5110036209	TSX	TSX;26MHZ;±10ppm;9.0pF;2.5*2.0*1.0mm	Siward	XTL5A1100-S362-009	
13	Main ingredient	09.1418R00000	SWITCH	0.1 to 3.0 GHz SP8T Antenna Switch Small QFN (14-pin,2.0*2.0*0.58mm)	CanaanTek	CAN1418R	U0812
	Alternative material	09.1418000000	SWITCH	0.1 to 3.0 GHz SP8T Antenna Switch Small QFN (14-pin,2.0*2.0*0.58mm)	CanaanTek	CAN1418	
	Alternative material	09.5708SQ0000	SWITCH	0.1 to 3.0 GHz SP8T Antenna Switch Small QFN (14-pin,2.0*2.0*0.58mm)	Lansus	NZ5708SQTR1	
14	Main ingredient	05.7232010000	Digital Transistor	P-MOSFET;-20V;-800mA;150mW;Vgs=-0.5V;SOT-723	Prisemi	PPM723T201E0	Q1600
15	Main ingredient	05.7237030200.1	Digital Transistor	N-MOSFET;20V 180mA SOT-723;1.2*1.2*0.8MM	Prisemi	PNM723T201E0	Q1602
	Alternative material	05.7237030200.2	Digital Transistor	N-MOSFET;20V 180mA SOT-723;1.2*1.2*0.8MM	Prisemi	PNM723T30V01	

EMCP

1	Main ingredient	.32ED325616.RA	eMMC+LPDDR3	eMMC+LPDDR3 Gb;HS400/933MHz;8/32;11.5x13x1.0mm,0.5mm,221FBGA	SK Hynix	H9TQ26ABJTACUR-KUM	U0500
	Alternative material	.32ED325616.RA	eMMC+LPDDR3	eMMC+LPDDR3 Gb;HS400/933MHz;8/32;11.5x13x1.0mm,0.5mm,221FBGA	SK Hynix	H9TQ26ABJTMCUR-KUM	
	Alternative material	.32ED325616.RA	eMMC+LPDDR3	eMMC+LPDDR3 Gb;HS400/933MHz;8/32;11.5x13x1.0mm,0.5mm,221FBGA	SK Hynix	H9TQ27ABJTMCUR-KUM	
	Alternative material	.32ED325616.RA	eMMC+LPDDR3	eMMC+LPDDR3 Gb;HS400/933MHz;8/32;11.5x13x1.0mm,0.5mm,221FBGA	SAMSUNG	KMQD60013M-B318	
	Alternative material	.32ED325616.RA	eMMC+LPDDR3	eMMC+LPDDR3 Gb;HS400/933MHz;8/32;11.5x13x1.0mm,0.5mm,221FBGA	SAMSUNG	KMQX60013M-B419	

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	Alternative material	32ED325616.RA	eMMC+LPDDR3	eMMC+LPDDR3;3.3/1.8/1.2;32GB/16Gb;HS400/933MHz;8/32;11.5x13x1.0mm,0.5mm,221FBGA	SAMSUNG	KMQX10013M-B419	
	Alternative material	32ED325616.RA	eMMC+LPDDR3	eMMC+LPDDR3;3.3/1.8/1.2;32GB/16Gb;HS400/933MHz;8/32;11.5x13x1.0mm,0.5mm,221FBGA	SAMSUNG	KMQ4Z0013M-B809	
2	Main ingredient	01.0310663020	Capacitor	CAP,X5R,10uF,±20%,6.3V,0603	SAMSUNG	CL10A106MQ8NNNC	C0516 C0505
	Alternative material	01.0310663020.1	Capacitor	CAP,X5R,10uF,±20%,6.3V,0603	DAKAI	D0603X5R106M6R3NT	
	Alternative material	01.0310663020.2	Capacitor	CAP,X5R,10uF,±20%,6.3V,0603	Eyang	C0603X5R106M6R3NT	
	Alternative material	01.0310663020.3	Capacitor	CAP,X5R,10uF,±20%,6.3V,0603	MURATA	GRM188R60J106ME47	
	Alternative material	01.0310663020.4	Capacitor	CAP,X5R,10uF,±20%,6.3V,0603	TAIYO	JMK107BJ106MA-T	
3	Main ingredient	01.0222563020	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	SAMSUNG	CL05A225MQ5NNNC	C0506
	Alternative material	01.0222563020.1	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	Eyang	C0402X5R225M6R3NT	
	Alternative material	01.0222563020.2	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	MURATA	GRM155R60J225ME15D	
4	Main ingredient	01.0110563020	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	Eyang	C0201X5R105M6R3NT	C0507 C0513 C0021
	Alternative material	01.0110563020.1	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	SAMSUNG	CL03A105MQ3CSN	
	Alternative material	01.0110563020.2	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	MURATA	GRM033R60J105MEA2J	
	Alternative material	01.0110563020.3	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	KYOCERA	CM03X5R105M06AH	
	Alternative material	01.0110563020.4	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	TAIYO	JMK063ABJ105MP-F	
	Alternative material	01.0110563020.5	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	VIIYONG	V105M0201X5R6R3NXT	
	Main ingredient	01.0110463010	Capacitor	CAP,X5R,100nF,±10%,6.3V,0201	Eyang	C0201X5R104K6R3NTA	C0518 C0504 C0502 C0503
	Alternative material	01.0110463010.1	Capacitor	CAP,X5R,100nF,±10%,6.3V,0201	FENGHUA	0201X104K6R3NT	

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5	Alternative material	01.0110463010.2	Capacitor	CAP,X5R,100nF,±10%,6.3V,0201	MURATA	GRM033R60J104KE19D	C0302 C0303 C0508 C0022 C0520
	Alternative material	01.0110463010.3	Capacitor	CAP,X5R,100nF,±10%,6.3V,0201	SAMSUNG	CL03A104KQ3NNNC	
	Alternative material	01.0110463010.4	Capacitor	CAP,X5R,100nF,±10%,6.3V,0201	VIIYONG	V104K0201X5R6R3NAT	作成日期: 2022/7/30
6	Main ingredient	02.0124120001	Resistor	RES,240Ω±1%,1/20W,0201	UniOhm	0201F2400TCE	R0500 R0503
	Alternative material	02.0124120001.1	Resistor	RES,240Ω±1%,1/20W,0201	Yageo	RC0201FR-07240RL	
	Alternative material	02.0124120001.2	Resistor	RES,240Ω±1%,1/20W,0201	Ralec	RR0603(0201)L2400FT	
	Alternative material	02.0124120001.3	Resistor	RES,240Ω±1%,1/20W,0201	FENGHUA	RC-01W2400FT	
7	Main ingredient	02.0100020005	Resistor	RES,0Ω±5%,1/20W,0201	UniOhm	0201J0000TCE	R0562 R0563 R0564 R0565 R0566 R0567 R0568 R0569 R0570 R0571 R0572 R0573 R0502
	Alternative material	02.0100020005.1	Resistor	RES,0Ω±5%,1/20W,0201	Yageo	RC0201JR-070RL	
	Alternative material	02.0100020005.2	Resistor	RES,0Ω±5%,1/20W,0201	Ralec	RR0603(0201)L0ROJT	
	Alternative material	02.0100020005.3	Resistor	RES,0Ω±5%,1/20W,0201	FENGHUA	RC-01W000JT	
8	Main ingredient	02.0200016005	Resistor	RES,0Ω±5%,1/16W,0402	UniOhm	0402J0000TCE	R0501 R0505
	Alternative material	02.0200016005.1	Resistor	RES,0Ω±5%,1/16W,0402	Yageo	RC0402JR-070RL	
	Alternative material	02.0200016005.2	Resistor	RES,0Ω±5%,1/16W,0402	Ralec	RR1005(0402)L0ROJT	
	Alternative material	02.0200016005.3	Resistor	RES,0Ω±5%,1/16W,0402	FENGHUA	RC-02000JT	
#REF!	Main ingredient	01.0322610020	Capacitor	CAP,X5R,22uF,±20%,10V,0603	Yageo	CC0603MRX5R6BB226	C0324 C0302 C0303 C0306 C0319 C0741 C2202 C2200 C2217 C2262 C2219 C2204 C6104 C3101 C0100 C0000
	Alternative material	01.0322610020.1	Capacitor	CAP,X5R,22uF,±20%,10V,0603	MURATA	GRM188R61A226ME15	
	Alternative material	01.0322610020.2	Capacitor	CAP,X5R,22uF,±20%,10V,0603	SAMSUNG	CL10A226MP8NNNC	

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#REF!	Main ingredient	01.0310663020	Capacitor	CAP,X5R,10uF,±20%,6.3V,0603	SAMSUNG	CL10A106MQ8NNNC	C0200 C0326 C0321 C0300 C0301 C0315 C2258 C6108 C1100 C5122
	Alternative material	01.0310663020.1	Capacitor	CAP,X5R,10uF,±20%,6.3V,0603	DAKAI	D0603X5R106M6R3NT	
	Alternative material	01.0310663020.2	Capacitor	CAP,X5R,10uF,±20%,6.3V,0603	Eyang	C0603X5R106M6R3NT	
	Alternative material	01.0310663020.3	Capacitor	CAP,X5R,10uF,±20%,6.3V,0603	MURATA	GRM188R60J106ME47	
	Alternative material	01.0310663020.4	Capacitor	CAP,X5R,10uF,±20%,6.3V,0603	TAIYO	JMK107BJ106MA-T	
#REF!	Main ingredient	01.0247563020	Capacitor	CAP,X5R,4.7uF,±20%,6.3V,0402	SAMSUNG	CL05A475MQ5NRNC	C0320 C0318 C0325 C0627 C0618 C2201 C2207 C2214 C2261 C2234 C3102 C1004 C0331 C1122 C1121 C5127
	Alternative material	01.0247563020.1	Capacitor	CAP,X5R,4.7uF,±20%,6.3V,0402	Eyang	C0402X5R475M6R3NT	
	Alternative material	01.0247563020.2	Capacitor	CAP,X5R,4.7uF,±20%,6.3V,0402	MURATA	GRM155R60J475ME15D	
#REF!	Main ingredient	01.0222563020	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	SAMSUNG	CL05A225MQ5NNNC	C0213 C0316 C0604 C0622 C0623 C2265 C2264 C2255 C0305
	Alternative material	01.0222563020.1	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	Eyang	C0402X5R225M6R3NT	
	Alternative material	01.0222563020.2	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	MURATA	GRM155R60J225ME15D	
#REF!	Main ingredient	01.0310550010	Capacitor	CAP,X5R,1uF,±10%,50V,0603	Yageo	CC0603KRX5R9BB105	C1007 C1005
	Alternative material	01.0310550010.1	Capacitor	CAP,X5R,1uF,±10%,50V,0603	DAKAI	D0603X5R105K500NT	
	Alternative material	01.0310550010.2	Capacitor	CAP,X5R,1uF,±10%,50V,0603	SAMSUNG	CL10A105KB8NNNC	
	Alternative material	01.0310550010.3	Capacitor	CAP,X5R,1uF,±10%,50V,0603	MURATA	GRM188R61A105KA12D	
	Alternative material	01.0310550010.4	Capacitor	CAP,X5R,1uF,±10%,50V,0603	TAIYO	UMK107BJ105KA-T	
	Main ingredient	01.0110563020	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	Eyang	C0201X5R105M6R3NT	C0204 C0203 C0312 C0640 C0605 C0616 C2203 C2208 C2238 C2236 C0202 C0201
	Alternative material	01.0110563020.1	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	SAMSUNG	CL03A105MQ3CSN	

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#REF!	Alternative material	01.0110563020.2	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	MURATA	GRM033R60J105MEA2J	C2256 C2216
	Alternative material	01.0110563020.3	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	KYOCERA	CM03X5R105M06AH	C3122 C3116
	Alternative material	01.0110563020.4	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	TAIYO	JMK063ABJ105MP-F	C1210 C1540
	Alternative material	01.0110563020.5	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	VIIYONG	V105M0201X5R6R3NXT	C7232 C0608
#REF!	Main ingredient	01.0110463010	Capacitor	CAP,X5R,100nF,±10%,6.3V,0201	Eyang	C0201X5R104K6R3NTA	C2106 C2212
	Alternative material	01.0110463010.1	Capacitor	CAP,X5R,100nF,±10%,6.3V,0201	FENGHUA	0201X104K6R3NT	C2210 C1541
	Alternative material	01.0110463010.2	Capacitor	CAP,X5R,100nF,±10%,6.3V,0201	MURATA	GRM033R60J104KE19D	C2106 C2212
	Alternative material	01.0110463010.3	Capacitor	CAP,X5R,100nF,±10%,6.3V,0201	SAMSUNG	CL03A104KQ3NNNC	C2210 C1541
	Alternative material	01.0110463010.4	Capacitor	CAP,X5R,100nF,±10%,6.3V,0201	VIIYONG	V104K0201X5R6R3NAT	C0209 C0603
#REF!	Main ingredient	01.0110325010	Capacitor	CAP,X5R,10nF,±10%,25V,0201	Yageo	CC0201KRX5R8BB103	C0828 C2209
	Alternative material	01.0110325010.1	Capacitor	CAP,X5R,10nF,±10%,25V,0201	Eyang	C0201X5R103K250NTA	C2205 C2248
	Alternative material	01.0110325010.2	Capacitor	CAP,X5R,10nF,±10%,25V,0201	FENGHUA	0201X103K250NT	C2246 C2253
	Alternative material	01.0110325010.3	Capacitor	CAP,X5R,10nF,±10%,25V,0201	DARFON	C0603X5R103KET	C2250 C2226
	Alternative material	01.0110325010.4	Capacitor	CAP,X5R,10nF,±10%,25V,0201	VIIYONG	V103K0201X5R250NAT	C2254 C2247
#REF!	Main ingredient	01.0110250010	Capacitor	CAP,X7R,1.0nF,±10%,50V,0201	Yageo	CC0201KRX7R9BB102	C2218 C2220
	Alternative material	01.0110250010.1	Capacitor	CAP,X7R,1.0nF,±10%,50V,0201	Eyang	C0201X7R102K500NT	C2223 C2213
	Alternative material	01.0110250010.2	Capacitor	CAP,X7R,1.0nF,±10%,50V,0201	FENGHUA	0201B102K500NT	C2228 C2227
	Alternative material	01.0110250010.3	Capacitor	CAP,X7R,1.0nF,±10%,50V,0201	DARFON	C0603X7R102KGT	C2245 C2225
	Alternative material	01.0110250010.4	Capacitor	CAP,X7R,1.0nF,±10%,50V,0201	MURATA	GRM033R71H102KA12I	C2244 C2257

C0740

C0628 C0626
C0639 C3153
C7215 C7237
C0624

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	Alternative material	01.0110250010.5	Capacitor	CAP,X7R,1.0nF,±10%,50V,0201	VIIYONG	V102K0201X7R500NAT	
#REF!	Main ingredient	01.0147150010	Capacitor	CAP,X7R,470pF,±10%,50V,0201	Yageo	CC0201KRX7R9BB471	C0738 C6102
	Alternative material	01.0147150010.1	Capacitor	CAP,X7R,470pF,±10%,50V,0201	Eyang	C0201X7R471K500NTA	
	Alternative material	01.0147150010.2	Capacitor	CAP,X7R,470pF,±10%,50V,0201	FENGHUA	0201B471K500NT	
	Alternative material	01.0147150010.3	Capacitor	CAP,X7R,470pF,±10%,50V,0201	MURATA	GRM033R71H471KA12I	
	Alternative material	01.0147150010.4	Capacitor	CAP,X7R,470pF,±10%,50V,0201	VIIYONG	V471K0201X7R500NAT	
#REF!	Main ingredient	01.0110150005	Capacitor	CAP,NPO,100pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN101	C0621 C3113 C3114 C1017 C2105
	Alternative material	01.0110150005.1	Capacitor	CAP,COG,100pF,±5%,50V,0201	Eyang	C0201COG101J500NTA	
	Alternative material	01.0110150005.2	Capacitor	CAP,NPO,100pF,±5%,50V,0201	FENGHUA	0201CG101J500NT	
	Alternative material	01.0110150005.3	Capacitor	CAP,NPO,100pF,±5%,50V,0201	DARFON	C0603NPO101JGT	
	Alternative material	01.0110150005.4	Capacitor	CAP,NPO,100pF,±5%,50V,0201	VIIYONG	V101J0201C0G500NAT	
#REF!	Main ingredient	01.0147050005	Capacitor	CAP,NPO,47pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN470	C0630 C0645 C0646 C0739 C0817 C3110 C3111 C0634
	Alternative material	01.0147050005.1	Capacitor	CAP,COG,47pF,±5%,50V,0201	Eyang	C0201COG470J500NT	
	Alternative material	01.0147050005.2	Capacitor	CAP,NPO,47pF,±5%,50V,0201	FENGHUA	0201CG470J500NT	
	Alternative material	01.0147050005.3	Capacitor	CAP,NPO,47pF,±5%,50V,0201	DARFON	C0603NPO470JGT	
	Alternative material	01.0147050005.4	Capacitor	CAP,NPO,47pF,±5%,50V,0201	VIIYONG	V470J0201C0G500NAT	
#REF!	Main ingredient	01.0139050005	Capacitor	CAP,NPO,39pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN390	C7209 C7213
	Alternative material	01.0139050005.1	Capacitor	CAP,COG,39pF,±5%,50V,0201	Eyang	C0201COG390J500NT	
	Alternative material	01.0139050005.2	Capacitor	CAP,COG,39pF,±5%,50V,0201	FENGHUA	0201CG390J500NT	

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	Alternative material	01.0139050005.3	Capacitor	CAP,NPO,39pF,±5%,50V,0201	DARFON	C0603NPO390JGT	
	Alternative material	01.0139050005.4	Capacitor	CAP,NPO,39pF,±5%,50V,0201	VIIYONG	V390J0201C0G500NAT	
#REF!	Main ingredient	01.0133050005	Capacitor	CAP,NPO,33pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN330	作成日期: 2022/7/30
	Alternative material	01.0133050005.1	Capacitor	CAP,COG,33pF,±5%,50V,0201	Eyang	C0201COG330J500NTA	L7204
	Alternative material	01.0133050005.2	Capacitor	CAP,COG,33pF,±5%,50V,0201	FENGHUA	0201CG330J500NT	
	Alternative material	01.0133050005.3	Capacitor	CAP,NPO,33pF,±5%,50V,0201	DARFON	C0603NPO330JGT	
	Alternative material	01.0133050005.4	Capacitor	CAP,COG,33pF,±5%,50V,0201	MURATA	GRM0335C1H330JA01D	
	Alternative material	01.0133050005.5	Capacitor	CAP,NPO,33pF,±5%,50V,0201	VIIYONG	V330J0201C0G500NAT	
#REF!	Main ingredient	01.0122050005	Capacitor	CAP,NPO,22pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN220	
	Alternative material	01.0122050005.1	Capacitor	CAP,COG,22pF,±5%,50V,0201	Eyang	C0201COG220J500NTA	
	Alternative material	01.0122050005.2	Capacitor	CAP,COG,22pF,±5%,50V,0201	FENGHUA	0201CG220J500NT	
	Alternative material	01.0122050005.3	Capacitor	CAP,NPO,22pF,±5%,50V,0201	DARFON	C0603NPO220JGT	
	Alternative material	01.0122050005.4	Capacitor	CAP,NPO,22pF,±5%,50V,0201	MURATA	GRM0335C1H220JA01D	
	Alternative material	01.0122050005.5	Capacitor	CAP,NPO,22pF,±5%,50V,0201	VIIYONG	V220J0201C0G500NAT	
#REF!	Main ingredient	01.0110050005	Capacitor	CAP,NPO,10pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN100	C0643 C0629 C0625 C0638 C0607 C0602 C0600 C0619 C0617 C0615 C0620 C0746 C2101 C2100 C1000 C1001
	Alternative material	01.0110050005.1	Capacitor	CAP,COG,10pF,±5%,50V,0201	Eyang	C0201COG100J500NTA	
	Alternative material	01.0110050005.2	Capacitor	CAP,COG,10pF,±5%,50V,0201	FENGHUA	0201CG100J500NT	
	Alternative material	01.0110050005.3	Capacitor	CAP,NPO,10pF,±5%,50V,0201	DARFON	C0603NPO100JGT	
	Alternative material	01.0110050005.4	Capacitor	CAP,COG,10pF,±5%,50V,0201	MURATA	GRM0335C1H100JA01D	

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	Alternative material	01.0110050005.5	Capacitor	CAP,NPO,10pF,±5%,50V,0201	VIIYONG	V100J0201C0G500NAT	
#REF!	Main ingredient	01.0103350025	Capacitor	CAP,NPO,3.3pF,±0.25pF,50V,0201	Yageo	CC0201CRNPO9BN3R3	C0781 L0606 L0611
	Alternative material	01.0103350025.1	Capacitor	CAP,COG,3.3pF,±0.25pF,50V,0201	Eyang	C0201COG3R3C500NTA	
	Alternative material	01.0103350025.2	Capacitor	CAP,COG,3.3pF,±0.25pF,50V,0201	FENGHUA	0201CG3R3C500NT	
	Alternative material	01.0103350025.3	Capacitor	CAP,NPO,3.3pF,±0.25pF,50V,0201	DARFON	C0603NPO339CGT	
	Alternative material	01.0103350025.4	Capacitor	CAP,COG,3.3pF,±0.25pF,50V,0201	MURATA	GRM0335C1H3R3CA01	
	Alternative material	01.0103350025.5	Capacitor	CAP,NPO,3.3pF,±0.25pF,50V,0201	VIIYONG	V3R3C0201C0G500NAT	
#REF!	Main ingredient	01.0101550025	Capacitor	CAP,NP0,1.5pF,±0.25pF,50V,0201	Yageo	CC0201CRNPO8BN1R5	C2102
	Alternative material	01.0101550025.1	Capacitor	CAP,C0G,1.5pF,±0.25pF,50V,0201	Eyang	C0201COG1R5C500NT	
	Alternative material	01.0101550025.2	Capacitor	CAP,C0G,1.5pF,±0.25pF,50V,0201	MURATA	GRM0335C1H1R5CA01	
	Alternative material	01.0101550025.3	Capacitor	CAP,C0G,1.5pF,±0.25pF,50V,0201	FENGHUA	0201CG1R5C500NT	
	Alternative material	01.0101550025.4	Capacitor	CAP,NP0,1.5pF,±0.25pF,50V,0201	VIIYONG	V1R5C0201C0G500NAT	
#REF!	Main ingredient	01.0101050025	Capacitor	CAP,NPO,1pF,±0.25pF,50V,0201	Yageo	CC0201CRNPO9BN1R0	L0600
	Alternative material	01.0101050025.1	Capacitor	CAP,COG,1pF,±0.25pF,50V,0201	Eyang	C0201COG1R0C500NT	
	Alternative material	01.0101050025.2	Capacitor	CAP,COG,1pF,±0.25pF,50V,0201	FENGHUA	0201CG1R0C500NT	
	Alternative material	01.0101050025.3	Capacitor	CAP,NPO,1pF,±0.25pF,50V,0201	DARFON	C0603NPO109CGT	
	Alternative material	01.0101050025.4	Capacitor	CAP,COG,1pF,±0.25pF,50V,0201	MURATA	GRM0335C1H1R0CA01	
	Alternative material	01.0101050025.5	Capacitor	CAP,COG,1pF,±0.25pF,50V,0201	VIIYONG	V1R0C0201C0G500NAT	
	Main ingredient	01.0100550025	Capacitor	CAP,NPO,0.5pF,±0.25pF,50V,0201	Yageo	CC0201CRNPO9BNR50	

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	Alternative material	01.0100550025.1	Capacitor	CAP,COG,0.5pF,±0.25pF,50V,0201	Eyang	C0201COG0R5C500N TA	L0728
	Alternative material	01.0100550025.2	Capacitor	CAP,COG,0.5pF,±0.25pF,50V,0201	FENGHUA	0201CG0R5C500NT	
	Alternative material	01.0100550025.3	Capacitor	CAP,NPO,0.5pF,±0.25pF,50V,0201	DARFON	C0603NPO508CGT	
	Alternative material	01.0100550025.4	Capacitor	CAP,COG,0.5pF,±0.25pF,50V,0201	MURATA	GRM0335C1HR50CA01	
	Alternative material	01.0100550025.5	Capacitor	CAP,COG,0.5pF,±0.25pF,50V,0201	VIIYONG	V0R5C0201C0G500NAT	
#REF!	Main ingredient	02.0247301000	NTC	RES,NTC,47K,±1%,1/16W,0402	MURATA	NCP15WB473F03RC	R0603 R6103
#REF!	Main ingredient	02.0110420005	Resistor	RES,100K,±5%,1/20W,0201	UniOhm	0201J0104TCE	R0310 R3102 R0611
	Alternative material	02.0110420005.1	Resistor	RES,100K,±5%,1/20W,0201	Yageo	RC0201JR-07100KL	
	Alternative material	02.0110420005.2	Resistor	RES,100K,±5%,1/20W,0201	Ralec	RR0603(0201)L104JT	
	Alternative material	02.0110420005.3	Resistor	RES,100K,±5%,1/20W,0201	FENGHUA	RC-01W104JT	
#REF!	Main ingredient	02.0110420001	Resistor	RES,100K,±1%,1/20W,0201	UniOhm	0201F1003TCE	R0609 R6116 R1606 R1604
	Alternative material	02.0110420001.1	Resistor	RES,100K,±1%,1/20W,0201	Yageo	RC0201FR-07100KL	
	Alternative material	02.0110420001.2	Resistor	RES,100K,±1%,1/20W,0201	Ralec	RR0603(0201)L1003FT	
	Alternative material	02.0110420001.3	Resistor	RES,100K,±1%,1/20W,0201	FENGHUA	RC-01W1003FT	
#REF!	Main ingredient	02.0156320005	Resistor	RES,56K,±5%,1/20W,0201	UniOhm	0201J0563TCE	R0610
	Alternative material	02.0156320005.1	Resistor	RES,56K,±5%,1/20W,0201	Yageo	RC0201JR-0756KL	
	Alternative material	02.0156320005.2	Resistor	RES,56K,±5%,1/20W,0201	Ralec	RR0603(0201)L563JT	
	Alternative material	02.0156320005.3	Resistor	RES,56K,±5%,1/20W,0201	FENGHUA	RC-01W563JT	

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#REF!	Main ingredient	02.0156320001	Resistor	RES,56K,±1%,1/20W,0201	UniOhm	0201F5602TCE	R0608 R6114
	Alternative material	02.0156320001.1	Resistor	RES,56K,±1%,1/20W,0201	Yageo	RC0201FR-0756KL	
	Alternative material	02.0156320001.2	Resistor	RES,56K,±1%,1/20W,0201	Ralec	RR0603(0201)L5602FT	
	Alternative material	02.0156320001.3	Resistor	RES,56K,±1%,1/20W,0201	FENGHUA	RC-01W5602FT	
#REF!	Main ingredient	02.0147320001	Resistor	RES,47K,±1%,1/20W,0201	UniOhm	0201F4702TCE	R6104
	Alternative material	02.0147320001.1	Resistor	RES,47K,±1%,1/20W,0201	Yageo	RC0201FR-0747KL	
	Alternative material	02.0147320001.2	Resistor	RES,47K,±1%,1/20W,0201	Ralec	RR0603(0201)L4702FT	
#REF!	Main ingredient	02.0110320005	Resistor	RES,10K,±5%,1/20W,0201	UniOhm	0201J0103TCE	R0604 R0606 R3109 R0204
	Alternative material	02.0110320005.1	Resistor	RES,10K,±5%,1/20W,0201	Yageo	RC0201JR-0710KL	
	Alternative material	02.0110320005.2	Resistor	RES,10K,±5%,1/20W,0201	Ralec	RR0603(0201)L103JT	
	Alternative material	02.0110320005.3	Resistor	RES,10K,±5%,1/20W,0201	FENGHUA	RC-01W103JT	
#REF!	Main ingredient	02.0115220005	Resistor	RES,1.5K,±5%,1/20W,0201	UniOhm	0201J0152TCE	R0702 R3108
	Alternative material	02.0115220005.1	Resistor	RES,1.5K,±5%,1/20W,0201	Yageo	RC0201JR-071K5L	
	Alternative material	02.0115220005.2	Resistor	RES,1.5K,±5%,1/20W,0201	Ralec	RR0603(0201)L152JT	
	Alternative material	02.0115220005.3	Resistor	RES,1.5K,±5%,1/20W,0201	FENGHUA	RC-01W152JT	
#REF!	Main ingredient	02.0110220005	Resistor	RES,1K,±5%,1/20W,0201	UniOhm	0201J0102TCE	R0206 R3138 R3139 R3131 R3132 R6231 R6304 R6302 R6303 R6300 R10 R1303
	Alternative material	02.0110220005.1	Resistor	RES,1K,±5%,1/20W,0201	Yageo	RC0201JR-071KL	
	Alternative material	02.0110220005.2	Resistor	RES,1K,±5%,1/20W,0201	Ralec	RR0603(0201)L102JT	

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	Alternative material	02.011022000 5.3	Resistor	RES,1K,±5%,1/20W,0201	FENGHUA	RC-01W102JT	R1309
#REF!	Main ingredient	02.015112000 5	Resistor	RES,510Ω±5%,1/20W,0201	UniOhm	0201J0511TCE	R4110 R1002 R1003 R6105
	Alternative material	02.015112000 5.1	Resistor	RES,510Ω±5%,1/20W,0201	Yageo	RC0201JR-07510RL	
	Alternative material	02.015112000 5.2	Resistor	RES,510Ω±5%,1/20W,0201	Ralec	RR0603(0201)L511JT	
	Alternative material	02.015112000 5.3	Resistor	RES,510Ω±5%,1/20W,0201	FENGHUA	RC-01W511JT	
#REF!	Main ingredient	02.014312000 5	Resistor	RES,430Ω,±5%,1/20W,0201	UniOhm	0201J0431JTCE	R0620 R0621
	Alternative material	02.014312000 5.1	Resistor	RES,430Ω,±5%,1/20W,0201	Yageo	RC0201JR-07430RL	
	Alternative material	02.014312000 5.2	Resistor	RES,430Ω,±5%,1/20W,0201	Ralec	RR0603(0201)L431JT	
	Alternative material	02.014312000 5.3	Resistor	RES,430Ω,±5%,1/20W,0201	FENGHUA	RC-01W431JT	
#REF!	Main ingredient	02.012412000 1	Resistor	RES,240Ω±1%,1/20W,0201	UniOhm	0201F2400TCE	R2301
	Alternative material	02.012412000 1.1	Resistor	RES,240Ω±1%,1/20W,0201	Yageo	RC0201FR-07240RL	
	Alternative material	02.012412000 1.2	Resistor	RES,240Ω±1%,1/20W,0201	Ralec	RR0603(0201)L2400FT	
	Alternative material	02.012412000 1.3	Resistor	RES,240Ω±1%,1/20W,0201	FENGHUA	RC-01W2400FT	
#REF!	Main ingredient	02.011012000 5	Resistor	RES,100Ω±5%,1/20W,0201	UniOhm	0201J0101TCE	R1010 R1013
	Alternative material	02.011012000 5.1	Resistor	RES,100Ω±5%,1/20W,0201	Yageo	RC0201JR-07100RL	
	Alternative material	02.011012000 5.2	Resistor	RES,100Ω±5%,1/20W,0201	Ralec	RR0603(0201)L101JT	
	Alternative material	02.011012000 5.3	Resistor	RES,100Ω±5%,1/20W,0201	FENGHUA	RC-01W101JT	
	Main ingredient	02.015102000 5	Resistor	RES,51Ω±5%,1/20W,0201	UniOhm	0201J0510TCE	

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#REF!	Alternative material	02.015102000 5.1	Resistor	RES,51Ω±5%,1/20W,0201	Yageo	RC0201JR-0751RL	R2132 R2133
	Alternative material	02.015102000 5.2	Resistor	RES,51Ω±5%,1/20W,0201	Ralec	RR0603(0201)L51OJT	
	Alternative material	02.015102000 5.3	Resistor	RES,51Ω±5%,1/20W,0201	FENGHUA	RC-01W510JT	
#REF!	Main ingredient	02.013302000 5	Resistor	RES,33Ω±5%,1/20W,0201	UniOhm	0201J0330TCE	R3104 R3110
	Alternative material	02.013302000 5.1	Resistor	RES,33Ω±5%,1/20W,0201	Yageo	RC0201JR-0733RL	
	Alternative material	02.013302000 5.2	Resistor	RES,33Ω±5%,1/20W,0201	Ralec	RR0603(0201)L33OJT	
	Alternative material	02.013302000 5.3	Resistor	RES,33Ω±5%,1/20W,0201	FENGHUA	RC-01W330JT	
#REF!	Main ingredient	02.012702000 5	Resistor	RES,27Ω±5%,1/20W,0201	UniOhm	0201J0270TCE	R0619
	Alternative material	02.012702000 5.1	Resistor	RES,27Ω±5%,1/20W,0201	Yageo	RC0201JR-0727RL	
	Alternative material	02.012702000 5.2	Resistor	RES,27Ω±5%,1/20W,0201	Ralec	RR0603(0201)L270JT	
	Alternative material	02.012702000 5.3	Resistor	RES,27Ω±5%,1/20W,0201	FENGHUA	RC-01W270JT	
#REF!	Main ingredient	02.011002000 5	Resistor	RES,10Ω±5%,1/20W,0201	UniOhm	0201J0100TCE	R1016 R1008 R1026 R1027 R1023 R1033 R1017 R1021 R1024 R1025
	Alternative material	02.011002000 5.1	Resistor	RES,10Ω±5%,1/20W,0201	Yageo	RC0201JR-0710RL	
	Alternative material	02.011002000 5.2	Resistor	RES,10Ω±5%,1/20W,0201	Ralec	RR0603(0201)L100JT	
	Alternative material	02.011002000 5.3	Resistor	RES,10Ω±5%,1/20W,0201	FENGHUA	RC-01W100JT	
#REF!	Main ingredient	02.020391600 5	Resistor	RES,3.9Ω,±5%,1/16W,0402	UniOhm	0402J039JTCE	R1009
	Alternative material	02.020391600 5.1	Resistor	RES,3.9Ω,±5%,1/16W,0402	Yageo	RC0402JR-073R9L	
	Alternative material	02.020391600 5.2	Resistor	RES,3.9Ω,±5%,1/16W,0402	Ralec	RR1005(0402)L3R9JT	
	Alternative material	02.020391600 5.3	Resistor	RES,3.9Ω,±5%,1/16W,0402	FENGHUA	RC-02U3R9JT	

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#REF!	Main ingredient	02.0202216005	Resistor	RES,2.2Ω,±5%,1/16W,0402	UniOhm	0402J022JTCE	R1103 R5129
	Alternative material	02.0202216005.1	Resistor	RES,2.2Ω,±5%,1/16W,0402	Yageo	RC0402JR-072R2L	
	Alternative material	02.0202216005.2	Resistor	RES,2.2Ω,±5%,1/16W,0402	Ralec	RR1005(0402)L2R2JT	
	Alternative material	02.0202216005.3	Resistor	RES,2.2Ω,±5%,1/16W,0402	FENGHUA	RC-02W2R2JT	
#REF!	Main ingredient	02.05R0205001	Resistor	RES,0.02ohm±1%,0.5W,0805,合金电阻	UniOhm	MS05W2F200MT5E	R6102
	Alternative material	02.05R0205001.1	Resistor	RES,0.02ohm±1%,0.5W,0805,合金电阻	Yageo	PE0805FRE470R02Z	
#REF!	Main ingredient	02.0200016005	Resistor	RES,0Ω±5%,1/16W,0402	UniOhm	0402J0000TCE	R0631 R1004 R6322 FB7201 FB4100
	Alternative material	02.0200016005.1	Resistor	RES,0Ω±5%,1/16W,0402	Yageo	RC0402JR-070RL	
	Alternative material	02.0200016005.2	Resistor	RES,0Ω±5%,1/16W,0402	Ralec	RR1005(0402)L0ROJT	
	Alternative material	02.0200016005.3	Resistor	RES,0Ω±5%,1/16W,0402	FENGHUA	RC-02000JT	
#REF!	Main ingredient	02.0100020005	Resistor	RES,0Ω±5%,1/20W,0201	UniOhm	0201J0000TCE	C0606 C0671 R0804 R2100 R7200 R7202 R0205 R2210 R7206
	Alternative material	02.0100020005.1	Resistor	RES,0Ω±5%,1/20W,0201	Yageo	RC0201JR-070RL	
	Alternative material	02.0100020005.2	Resistor	RES,0Ω±5%,1/20W,0201	Ralec	RR0603(0201)L0ROJT	
	Alternative material	02.0100020005.3	Resistor	RES,0Ω±5%,1/20W,0201	FENGHUA	RC-01W000JT	
#REF!	Main ingredient	02.0300010005	Resistor	RES,0Ω±5%,1/10W,0603	UniOhm	0603J0000T5E	R0330 L4103
	Alternative material	02.0300010005.1	Resistor	RES,0Ω±5%,1/10W,0603	Yageo	RC0603JR-070RL	
	Alternative material	02.0300010005.2	Resistor	RES,0Ω±5%,1/10W,0603	Ralec	RR1608(0603)L0ROJT	
	Alternative material	02.0300010005.3	Resistor	RES,0Ω±5%,1/10W,0603	FENGHUA	RC-03000JT	

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#REF!	Main ingredient	03.252010100 M.3	Power Inductor	Power Inductor,10uH,20%,2.5mm*2.0mm*1.0mm	sunlord	WPN252010H100M	L1000
	Alternative material	03.252010100 M.1	Power Inductor	Power Inductor,10uH,20%,2.5mm*2.0mm*1.0mm	sunlord	SPH252010H100MT	
	Alternative material	03.252010100 M.2	Power Inductor	Power Inductor,10uH,20%,2.5mm*2.0mm*1.0mm	TAITECH	UHP252010NF-100M	
#REF!	Main ingredient	03.252010R33 M	Power Inductor	Power Inductor,0.33uH,±20%,6.5A,0.022ohm,2.5*2.0*1.0mm	sunlord	WPN252010HR33MTY01	L0300 L0301
	Alternative material	03.252010R33 M.1	Power Inductor	Power Inductor,0.33uH,±20%,6.5A,0.022ohm,2.5*2.0*1.0mm	sunlord	WPN252010HR33MT	
	Alternative material	03.252010R33 M.2	Power Inductor	Power Inductor,0.33uH,±20%,6.5A,0.022ohm,2.5*2.0*1.0mm	CLHILISI	MHCHL252010A-R33M-Q8	
	Alternative material	03.252010R33 M.3	Power Inductor	Power Inductor,0.33uH,±20%,6.5A,0.022ohm,2.5*2.0*1.0mm	INPAQ	WIP252010P-R33ML	
#REF!	Main ingredient	03.2016101R0 M	Power Inductor	Power Inductor,1.0uH,±20%,3.15A,0.075ohm,2016	sunlord	WPN201610H1R0MT	L0302
	Alternative material	03.2016101R0 M.1	Power Inductor	Power Inductor,1.0uH,±20%,3.15A,0.075ohm,2016	CLHILISI	MHCHL201610A-1R0M-Q8	
	Alternative material	03.2016101R0 M.2	Power Inductor	Power Inductor,1.0uH,±20%,3.15A,0.075ohm,2016	INPAQ	WIP201610P-1R0ML	
#REF!	Main ingredient	03.2016102R2 M	Power Inductor	Power Inductor,2.2uH,±20%,2.10A,0.138ohm,2016	sunlord	WPN201610H2R2MT	L0308 L0304
	Alternative material	03.2016102R2 M.1	Power Inductor	Power Inductor,2.2uH,±20%,2.10A,0.138ohm,2016	CLHILISI	MHCHL201610A-2R2M-Q8	
	Alternative material	03.2016102R2 M.2	Power Inductor	Power Inductor,2.2uH,±20%,2.10A,0.138ohm,2016	INPAQ	WIP201610P-2R2ML	
	Alternative material	03.2016102R2 M.3	Power Inductor	Power Inductor,2.2uH,±20%,2.10A,0.138ohm,2016	sunlord	WPN201610M2R2MT	
#REF!	Main ingredient	03.020127000 5	Inductor	IND Multilayer,27nH,±5%,0201	sunlord	SDCL0603Q27NJT02	L2101
	Alternative material	03.0201270205	Inductor	IND Multilayer,27nH,±5%,0201	FENGHUA	VHF060303HQ27NJT	
#REF!	Main ingredient	03.020115000 5	Inductor	IND Multilayer,15nH,±5%,0201	sunlord	SDCL0603Q15NJT02	C0744
	Alternative material	03.0201150205	Inductor	IND Multilayer,15nH,±5%,0201	FENGHUA	VHF060303HQ15NJT	

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#REF!	Main ingredient	03.0201120005	Inductor	IND Multilayer,12nH,±5%,0201	sunlord	SDCL0603Q12NJT02	L7205
	Alternative material	03.0201120205	Inductor	IND Multilayer,12nH,±5%,0201	FENGHUA	VHF060303HQ12NJT	
#REF!	Main ingredient	03.0201100005	Inductor	IND Multilayer,10nH,±5%,0201	sunlord	SDCL0603Q10NJT02	C0631
	Alternative material	03.0201100205	Inductor	IND Multilayer,10nH,±5%,0201	FENGHUA	VHF060303HQ10NJT	
	Alternative material	03.0201100005.1	Inductor	IND Multilayer,10nH,±5%,0201	sunlord	LQP03TN10NJ02D	
	Alternative material	03.0201100005.2	Inductor	IND Multilayer,10nH,±3%,0201	sunlord	LQP03TN10NH02D	
	Main ingredient	03.0201091005	Inductor	IND Multilayer,9.1nH,±5%,0201	sunlord	SDCL0603Q9N1JT02	
#REF!	Alternative material	03.0201091205	Inductor	IND Multilayer,9.1nH,±5%,0201	FENGHUA	VHF060303HQ9N1JT	L7207
#REF!	Main ingredient	03.0201082005	Inductor	IND Multilayer,8.2nH,±5%,0201	sunlord	SDCL0603Q8N2JT02	L7200
	Alternative material	03.0201082205	Inductor	IND Multilayer,8.2nH,±5%,0201	FENGHUA	VHF060303HQ8N2JT	
#REF!	Main ingredient	03.0201047030	Inductor	IND Multilayer,4.7nH,±0.3nH,0201	sunlord	SDCL0603Q4N7ST02	C0736
	Alternative material	03.0201047032	Inductor	IND Multilayer,4.7nH,±0.3nH,0201	FENGHUA	VHF060303HQ4N7ST	
#REF!	Main ingredient	03.0201036030	Inductor	IND Multilayer,3.6nH,±0.3nH,0201	sunlord	SDCL0603Q3N6ST02	C0718 L2100
	Alternative material	03.0201036032	Inductor	IND Multilayer,3.6nH,±0.3nH,0201	FENGHUA	VHF060303HQ3N6ST	
#REF!	Main ingredient	03.0201022030	Inductor	IND Multilayer,2.2nH,±0.3nH,0201	sunlord	SDCL0603Q2N2ST02	C0633
	Alternative material	03.0201022032	Inductor	IND Multilayer,2.2nH,±0.3nH,0201	FENGHUA	VHF060303HQ2N2ST	
#REF!	Main ingredient	03.0201018030	Inductor	IND Multilayer,1.8nH,±0.3nH,0201	sunlord	SDCL0603Q1N8ST02	C0747

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	Alternative material	03.0201018032	Inductor	IND Multilayer, 1.8nH,±0.3nH,0201	FENGHUA	VHF060303HQ1N8ST	
#REF!	Main ingredient	03.0201015030	Inductor	IND Multilayer, 1.5nH,±0.3nH,0201	sunlord	SDCL0603Q1N5ST02	R7201 作成日期: 2022/7/30
	Alternative material	03.0201015032	Inductor	IND Multilayer, 1.5nH,±0.3nH,0201	FENGHUA	VHF060303HQ1N5ST	
#REF!	Main ingredient	03.0201010030	Inductor	IND Multilayer, 1.0nH,±0.3nH,0201	sunlord	SDCL0603Q1N0ST02	L7202
	Alternative material	03.0201010032	Inductor	IND Multilayer, 1.0nH,±0.3nH,0201	FENGHUA	VHF060303HQ1N0ST	
#REF!	Main ingredient	04.0402601000	Ferrite Bead	Ferrite Bead;600@100MHz;250mA;0.50ohm;0402	JB	MCB1005B601FBP	FB3105 L3101 FB3104 FB3102 FB3103
	Alternative material	04.0402601000.2	Ferrite Bead	Ferrite Bead;600@100MHz;250mA;0.50ohm	Sunlord	GZ1005D601CTF	
	Alternative material	04.0402601000.3	Ferrite Bead	Ferrite Bead;600@100MHz;250mA;0.50ohm	Sunlord	GZ1005D601TF	
	Alternative material	04.0402601000.4	Ferrite Bead	Ferrite Bead;600@100MHz;250mA;0.50ohm	Sunlord	GZ1005U601CTF	
DCS_1800							
1	Main ingredient	10.3R11AU0000	B3 RX SAW	RX SAW Filter,Unbalanced,B3, 1.15*0.95*0.5mm	PKW	PSB3R11AU	U0703
2	Main ingredient	01.0147050005	Capacitor	CAP,NPO,47pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN470	C0710 C0711
	Alternative material	01.0147050005.1	Capacitor	CAP,COG,47pF,±5%,50V,0201	Eyang	C0201COG470J500NT	
	Alternative material	01.0147050005.2	Capacitor	CAP,NPO,47pF,±5%,50V,0201	FENGHUA	0201CG470J500NT	
	Alternative material	01.0147050005.3	Capacitor	CAP,NPO,47pF,±5%,50V,0201	DARFON	C0603NPO470JGT	
	Alternative material	01.0147050005.4	Capacitor	CAP,NPO,47pF,±5%,50V,0201	VIIYONG	V470J0201C0G500NAT	
3	Main ingredient	03.0201015030	Inductor	IND Multilayer, 1.5nH,±0.3nH,0201	sunlord	SDCL0603Q1N5ST02	C0712
	Alternative material	03.0201015032	Inductor	IND Multilayer, 1.5nH,±0.3nH,0201	FENGHUA	VHF060303HQ1N5ST	

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4	Main ingredient	03.0201027030	Inductor	IND Multilayer,2.7nH,±0.3nH,0201	sunlord	SDCL0603Q2N7ST02	L0709
	Alternative material	03.0201027032	Inductor	IND Multilayer,2.7nH,±0.3nH,0201	FENGHUA	VHF060303HQ2N7ST	
1	Main ingredient	10.B392021229	Band2 SAW DPX	SAW DPX,Band2,1.8*1.4*0.6mm	EPCOS	B39202-B1229-P810	U0710
2	Main ingredient	01.0100550025	Capacitor	CAP,NPO,0.5pF,±0.25pF,50V,0201	Yageo	CC0201CRNPO9BNR50	L0610
	Alternative material	01.0100550025.1	Capacitor	CAP,COG,0.5pF,±0.25pF,50V,0201	Eyang	C0201COG0R5C500N TA	
	Alternative material	01.0100550025.2	Capacitor	CAP,COG,0.5pF,±0.25pF,50V,0201	FENGHUA	0201CG0R5C500NT	
	Alternative material	01.0100550025.3	Capacitor	CAP,NPO,0.5pF,±0.25pF,50V,0201	DARFON	C0603NPO508CGT	
	Alternative material	01.0100550025.4	Capacitor	CAP,COG,0.5pF,±0.25pF,50V,0201	MURATA	GRM0335C1HR50CA01	
	Alternative material	01.0100550025.5	Capacitor	CAP,COG,0.5pF,±0.25pF,50V,0201	VIIYONG	V0R5C0201C0G500NAT	
3	Main ingredient	01.0110150005	Capacitor	CAP,NPO,100pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN101	C0753 C0752
	Alternative material	01.0110150005.1	Capacitor	CAP,COG,100pF,±5%,50V,0201	Eyang	C0201COG101J500NT A	
	Alternative material	01.0110150005.2	Capacitor	CAP,NPO,100pF,±5%,50V,0201	FENGHUA	0201CG101J500NT	
	Alternative material	01.0110150005.3	Capacitor	CAP,NPO,100pF,±5%,50V,0201	DARFON	C0603NPO101JGT	
	Alternative material	01.0110150005.4	Capacitor	CAP,NPO,100pF,±5%,50V,0201	VIIYONG	V101J0201C0G500NAT	
4	Main ingredient	03.0201015030	Inductor	IND Multilayer,1.5nH,±0.3nH,0201	sunlord	SDCL0603Q1N5ST02	C0786
	Alternative material	03.0201015032	Inductor	IND Multilayer,1.5nH,±0.3nH,0201	FENGHUA	VHF060303HQ1N5ST	
5	Main ingredient	03.0201027030	Inductor	IND Multilayer,2.7nH,±0.3nH,0201	sunlord	SDCL0603Q2N7ST02	L0721 C0641

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	Alternative material	03.0201027032	Inductor	IND Multilayer,2.7nH,±0.3nH,0201	FENGHUA	VHF060303HQ2N7ST	
6	Main ingredient	03.0201030030	Inductor	IND Multilayer,3.0nH,±0.3nH,0201	sunlord	SDCL0603Q3N0ST02	L0736 作成日期: 2022/7/30
	Alternative material	03.0201030032	Inductor	IND Multilayer,3.0nH,±0.3nH,0201	FENGHUA	VHF060303HQ3N0ST	
FDD_B4							
1	Main ingredient	10.8673000000	Band4 SAW DPX	SAW DPX,BAND4,1.8*1.4*0.6mm	EPCOS	B39212B8673P810	U0713
2	Main ingredient	01.0103950025	Capacitor	CAP,NPO,3.9pF,±0.25pF,50V,0201	Yageo	CC0201CRNPO9BN3R9	C0756
	Alternative material	01.0103950025.1	Capacitor	CAP,COG,3.9pF,±0.25pF,50V,0201	Eyang	C0201COG3R9C500NTA	
	Alternative material	01.0103950025.2	Capacitor	CAP,COG,3.9pF,±0.25pF,50V,0201	FENGHUA	0201CG3R9C500NT	
	Alternative material	01.0103950025.3	Capacitor	CAP,NPO,3.9pF,±0.25pF,50V,0201	DARFON	C0603NPO399CGT	
	Alternative material	01.0103950025.4	Capacitor	CAP,NPO,3.9pF,±0.25pF,50V,0201	VIIYONG	V3R9C0201C0G500NAT	
3	Main ingredient	01.0147050005	Capacitor	CAP,NPO,47pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN470	C0757
	Alternative material	01.0147050005.1	Capacitor	CAP,COG,47pF,±5%,50V,0201	Eyang	C0201COG470J500NT	
	Alternative material	01.0147050005.2	Capacitor	CAP,NPO,47pF,±5%,50V,0201	FENGHUA	0201CG470J500NT	
	Alternative material	01.0147050005.3	Capacitor	CAP,NPO,47pF,±5%,50V,0201	DARFON	C0603NPO470JGT	
	Alternative material	01.0147050005.4	Capacitor	CAP,NPO,47pF,±5%,50V,0201	VIIYONG	V470J0201C0G500NAT	
4	Main ingredient	03.0201015030	Inductor	IND Multilayer,1.5nH,±0.3nH,0201	sunlord	SDCL0603Q1N5ST02	C0787
	Alternative material	03.0201015032	Inductor	IND Multilayer,1.5nH,±0.3nH,0201	FENGHUA	VHF060303HQ1N5ST	
5	Main ingredient	03.0201024030	Inductor	IND Multilayer,2.4nH,±0.3nH,0201	sunlord	SDCL0603Q2N4ST02	L0758

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	Alternative material	03.0201024032	Inductor	IND Multilayer,2.4nH,±0.3nH,0201	FENGHUA	VHF060303HQ2N4ST	
6	Main ingredient	03.0201027030	Inductor	IND Multilayer,2.7nH,±0.3nH,0201	sunlord	SDCL0603Q2N7ST02	C0636
	Alternative material	03.0201027032	Inductor	IND Multilayer,2.7nH,±0.3nH,0201	FENGHUA	VHF060303HQ2N7ST	
7	Main ingredient	03.0201030030	Inductor	IND Multilayer,3.0nH,±0.3nH,0201	sunlord	SDCL0603Q3N0ST02	C0636
	Alternative material	03.0201030032	Inductor	IND Multilayer,3.0nH,±0.3nH,0201	FENGHUA	VHF060303HQ3N0ST	
B2+B4+B66DRX							
1	Main ingredient	10.9936000000	Band2+Band4 RX SAW	SAW ,B2/B4,3.5/3.0dB,2.2/2.0dB,1.5*1.1*0.5mm	EPCOS	B9936	U0800
2	Main ingredient	01.0147050005	Capacitor	CAP,NPO,47pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN470	C0801 C0805 C0803
	Alternative material	01.0147050005.1	Capacitor	CAP,COG,47pF,±5%,50V,0201	Eyang	C0201COG470J500NT	
	Alternative material	01.0147050005.2	Capacitor	CAP,NPO,47pF,±5%,50V,0201	FENGHUA	0201CG470J500NT	
	Alternative material	01.0147050005.3	Capacitor	CAP,NPO,47pF,±5%,50V,0201	DARFON	C0603NPO470JGT	
	Alternative material	01.0147050005.4	Capacitor	CAP,NPO,47pF,±5%,50V,0201	VIIYONG	V470J0201C0G500NAT	
3	Main ingredient	03.0201056030	Inductor	IND Multilayer,5.6nH,±0.3nH,0201	sunlord	SDCL0603Q5N6ST02	C0806
	Alternative material	03.0201056032	Inductor	IND Multilayer,5.6nH,±0.3nH,0201	FENGHUA	VHF060303HQ5N6ST	
4	Main ingredient	03.0201043030	Inductor	IND Multilayer,4.3nH,±0.3nH,0201	sunlord	SDCL0603Q4N3ST02	C0804
	Alternative material	03.0201043032	Inductor	IND Multilayer,4.3nH,±0.3nH,0201	FENGHUA	VHF060303HQ4N3ST	
5	Main ingredient	03.0201030030	Inductor	IND Multilayer,3.0nH,±0.3nH,0201	sunlord	SDCL0603Q3N0ST02	L0803
	Alternative material	03.0201030032	Inductor	IND Multilayer,3.0nH,±0.3nH,0201	FENGHUA	VHF060303HQ3N0ST	

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1	Main ingredient	10.3988186260	Band5 SAW DPX	SAW DPX;Band5;1.8*1.4*0.6mm	EPCOS	B39881B8626P810	U0714
2	Main ingredient	01.0147050005	Capacitor	CAP,NPO,47pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN470	C0762 作成日期: 2022/7/30
	Alternative material	01.0147050005.1	Capacitor	CAP,COG,47pF,±5%,50V,0201	Eyang	C0201COG470J500NT	
	Alternative material	01.0147050005.2	Capacitor	CAP,NPO,47pF,±5%,50V,0201	FENGHUA	0201CG470J500NT	
	Alternative material	01.0147050005.3	Capacitor	CAP,NPO,47pF,±5%,50V,0201	DARFON	C0603NPO470JGT	
	Alternative material	01.0147050005.4	Capacitor	CAP,NPO,47pF,±5%,50V,0201	VIIYONG	V470J0201C0G500NAT	
3	Main ingredient	03.0201020030	Inductor	IND Multilayer,2.0nH,±0.3nH,0201	sunlord	SDCL0603Q2N0ST02	C0637
	Alternative material	03.0201020032	Inductor	IND Multilayer,2.0nH,±0.3nH,0201	FENGHUA	VHF060303HQ2N0ST	
4	Main ingredient	03.0201027030	Inductor	IND Multilayer,2.7nH,±0.3nH,0201	sunlord	SDCL0603Q2N7ST02	C0761
	Alternative material	03.0201027032	Inductor	IND Multilayer,2.7nH,±0.3nH,0201	FENGHUA	VHF060303HQ2N7ST	
5	Main ingredient	03.0201075005	Inductor	IND Multilayer,7.5nH,±5%,0201	sunlord	SDCL0603Q7N5JT02	L0766
	Alternative material	03.0201075205	Inductor	IND Multilayer,7.5nH,±5%,0201	FENGHUA	VHF060303HQ7N5JT	
6	Main ingredient	03.0201120005	Inductor	IND Multilayer,12nH,±5%,0201	sunlord	SDCL0603Q12NJT02	L0769
	Alternative material	03.0201120205	Inductor	IND Multilayer,12nH,±5%,0201	FENGHUA	VHF060303HQ12NJT	
7	Main ingredient	03.0201180005	Inductor	IND Multilayer,18nH,±5%,0201	sunlord	SDCL0603Q18NJT02	L0767
	Alternative material	03.0201180205	Inductor	IND Multilayer,18nH,±5%,0201	FENGHUA	VHF060303HQ18NJT02	
	Alternative material	03.0201180005.1	Inductor	IND Multilayer,18nH,±5%,0201	sunlord	LQP03TN18NJ02D	

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	Alternative material	03.020118000 5.2	Inductor	IND Multilayer, 18nH, ±3%, 0201	sunlord	LQP03TN18NH02D	
B5_DRX							
1	Main ingredient	10.508810000 0	B5 RX SAW	RX SAW Filter, Unbalanced, B5, 1.15*0.95*0.5mm	CETC	NDFH005-0881SA	U0810 作成日期: 2022/7/30
2	Main ingredient	01.0102250025	Capacitor	CAP, NPO, 2.2pF, ±0.25pF, 50V, 0201	Yageo	CC0201CRNPO9BN2R2	L0824
	Alternative material	01.0102250025.1	Capacitor	CAP, COG, 2.2pF, ±0.25pF, 50V, 0201	Eyang	C0201COG2R2C500NT	
	Alternative material	01.0102250025.2	Capacitor	CAP, COG, 2.2pF, ±0.25pF, 50V, 0201	FENGHUA	0201CG2R2C500NT	
	Alternative material	01.0102250025.3	Capacitor	CAP, COG, 2.2pF, ±0.25pF, 50V, 0201	MURATA	GRM0335C1H2R2CA01	
	Alternative material	01.0102250025.4	Capacitor	CAP, NPO, 2.2pF, ±0.25pF, 50V, 0201	VIIYONG	V2R2C0201C0G500NAT	
3	Main ingredient	01.0139050005	Capacitor	CAP, NPO, 39pF, ±5%, 50V, 0201	Yageo	CC0201JRNPO9BN390	C0829
	Alternative material	01.0139050005.1	Capacitor	CAP, COG, 39pF, ±5%, 50V, 0201	Eyang	C0201COG390J500NT	
	Alternative material	01.0139050005.2	Capacitor	CAP, COG, 39pF, ±5%, 50V, 0201	FENGHUA	0201CG390J500NT	
	Alternative material	01.0139050005.3	Capacitor	CAP, NPO, 39pF, ±5%, 50V, 0201	DARFON	C0603NPO390JGT	
	Alternative material	01.0139050005.4	Capacitor	CAP, NPO, 39pF, ±5%, 50V, 0201	VIIYONG	V390J0201C0G500NAT	
4	Main ingredient	01.0147050005	Capacitor	CAP, NPO, 47pF, ±5%, 50V, 0201	Yageo	CC0201JRNPO9BN470	C0827
	Alternative material	01.0147050005.1	Capacitor	CAP, COG, 47pF, ±5%, 50V, 0201	Eyang	C0201COG470J500NT	
	Alternative material	01.0147050005.2	Capacitor	CAP, NPO, 47pF, ±5%, 50V, 0201	FENGHUA	0201CG470J500NT	
	Alternative material	01.0147050005.3	Capacitor	CAP, NPO, 47pF, ±5%, 50V, 0201	DARFON	C0603NPO470JGT	
	Alternative material	01.0147050005.4	Capacitor	CAP, NPO, 47pF, ±5%, 50V, 0201	VIIYONG	V470J0201C0G500NAT	
	Main ingredient	03.020118000 5	Inductor	IND Multilayer, 18nH, ±5%, 0201	sunlord	SDCL0603Q18NJT02	

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5	Alternative material	03.0201180205	Inductor	IND Multilayer, 18nH,±5%,0201	FENGHUA	VHF060303HQ18NJT02	C0830
	Alternative material	03.0201180005.1	Inductor	IND Multilayer, 18nH,±5%,0201	sunlord	LQP03TN18NJ02D	
	Alternative material	03.0201180005.2	Inductor	IND Multilayer, 18nH,±3%,0201	sunlord	LQP03TN18NH02D	
FDD_B7							
1	Main ingredient	10.1825358100	B7 SAW DPX	SAW DPX,Band7,1.8*1.4*0.6mm	Kyocera	SD18-2535R8UUB1	U0709
2	Main ingredient	10.7R11AU0000	B7 RX SAW	RX SAW Filter,Unbalanced,B7,1.15*0.95*0.5mm	频苛微	PSB7R11AU	U0806
	Alternative material	10.3526550000	B7 RX SAW	RX SAW Filter,Unbalanced,B7,1.15*0.95*0.5mm	CETC	NDFH035-2655SA	
	Main ingredient	01.0101050025	Capacitor	CAP,NPO,1pF,±0.25pF,50V,0201	Yageo	CC0201CRNPO9BN1R0	L0757
	Alternative material	01.0101050025.1	Capacitor	CAP,COG,1pF,±0.25pF,50V,0201	Eyang	C0201COG1R0C500NT	
	Alternative material	01.0101050025.2	Capacitor	CAP,COG,1pF,±0.25pF,50V,0201	FENGHUA	0201CG1R0C500NT	
	Alternative material	01.0101050025.3	Capacitor	CAP,NPO,1pF,±0.25pF,50V,0201	DARFON	C0603NPO109CGT	
	Alternative material	01.0101050025.4	Capacitor	CAP,COG,1pF,±0.25pF,50V,0201	MURATA	GRM0335C1H1R0CA01	
	Alternative material	01.0101050025.5	Capacitor	CAP,COG,1pF,±0.25pF,50V,0201	VIIYONG	V1R0C0201C0G500NAT	
3	Main ingredient	01.0101250025	Capacitor	CAP,NPO,1.2pF,±0.25pF,50V,0201	Yageo	CC0201CRNPO9BN1R2	L0712 L0811
	Alternative material	01.0101250025.1	Capacitor	CAP,COG,1.2pF,±0.25pF,50V,0201	Eyang	C0201COG1R2C500NT	
	Alternative material	01.0101250025.2	Capacitor	CAP,COG,1.2pF,±0.25pF,50V,0201	FENGHUA	0201CG1R2C500NT	
	Alternative material	01.0101250025.3	Capacitor	CAP,NPO,1.2pF,±0.25pF,50V,0201	DARFON	C0603NPO129CGT	
	Alternative material	01.0101250025.4	Capacitor	CAP,COG,1.2pF,±0.25pF,50V,0201	MURATA	GRM0335C1H1R2CA01	
	Alternative material	01.0101250025.5	Capacitor	CAP,NPO,1.2pF,±0.25pF,50V,0201	VIIYONG	V1R2C0201C0G500NAT	

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4	Main ingredient	01.0122050005	Capacitor	CAP,NPO,22pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN220	C0823
	Alternative material	01.0122050005.1	Capacitor	CAP,COG,22pF,±5%,50V,0201	Eyang	C0201COG220J500NTA	
	Alternative material	01.0122050005.2	Capacitor	CAP,COG,22pF,±5%,50V,0201	FENGHUA	0201CG220J500NT	
	Alternative material	01.0122050005.3	Capacitor	CAP,NPO,22pF,±5%,50V,0201	DARFON	C0603NPO220JGT	
	Alternative material	01.0122050005.4	Capacitor	CAP,NPO,22pF,±5%,50V,0201	MURATA	GRM0335C1H220JA01D	
	Alternative material	01.0122050005.5	Capacitor	CAP,NPO,22pF,±5%,50V,0201	VIIYONG	V220J0201C0G500NAT	
5	Main ingredient	01.0147050005	Capacitor	CAP,NPO,47pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN470	C0751 C0822
	Alternative material	01.0147050005.1	Capacitor	CAP,COG,47pF,±5%,50V,0201	Eyang	C0201COG470J500NT	
	Alternative material	01.0147050005.2	Capacitor	CAP,NPO,47pF,±5%,50V,0201	FENGHUA	0201CG470J500NT	
	Alternative material	01.0147050005.3	Capacitor	CAP,NPO,47pF,±5%,50V,0201	DARFON	C0603NPO470JGT	
	Alternative material	01.0147050005.4	Capacitor	CAP,NPO,47pF,±5%,50V,0201	VIIYONG	V470J0201C0G500NAT	
6	Main ingredient	03.0201015030	Inductor	IND Multilayer,1.5nH,±0.3nH,0201	sunlord	SDCL0603Q1N5ST02	R0706
	Alternative material	03.0201015032	Inductor	IND Multilayer,1.5nH,±0.3nH,0201	FENGHUA	VHF060303HQ1N5ST	
7	Main ingredient	03.0201020030	Inductor	IND Multilayer,2.0nH,±0.3nH,0201	sunlord	SDCL0603Q2N0ST02	C0750
	Alternative material	03.0201020032	Inductor	IND Multilayer,2.0nH,±0.3nH,0201	FENGHUA	VHF060303HQ2N0ST	
8	Main ingredient	03.0201024030	Inductor	IND Multilayer,2.4nH,±0.3nH,0201	sunlord	SDCL0603Q2N4ST02	C0785
	Alternative material	03.0201024032	Inductor	IND Multilayer,2.4nH,±0.3nH,0201	FENGHUA	VHF060303HQ2N4ST	
9	Main ingredient	03.0201010030	Inductor	IND Multilayer,1.0nH,±0.3nH,0201	sunlord	SDCL0603Q1N0ST02	C0632

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	Alternative material	03.0201010032	Inductor	IND Multilayer, 1.0nH,±0.3nH,0201	FENGHUA	VHF060303HQ1N0ST	
10	Main ingredient	03.0201036030	Inductor	IND Multilayer,3.6nH,±0.3nH,0201	sunlord	SDCL0603Q3N6ST02	L0734 C0815
	Alternative material	03.0201036032	Inductor	IND Multilayer,3.6nH,±0.3nH,0201	FENGHUA	VHF060303HQ3N6ST	作成日期: 2022/7/30

WCDMA_B8/GSM_900

1	Main ingredient	10.3994185140	B8 SAW DPX	SAW DPX;Band8;1.8*1.4*0.6mm	EPCOS	B39941B8514P810	U0422
2	Main ingredient	01.0102250025	Capacitor	CAP,NPO,2.2pF,±0.25pF,50V,0201	Yageo	CC0201CRNPO9BN2R2	L0458
	Alternative material	01.0102250025.1	Capacitor	CAP,C0G,2.2pF,±0.25pF,50V,0201	Eyang	C0201COG2R2C500NT	
	Alternative material	01.0102250025.2	Capacitor	CAP,C0G,2.2pF,±0.25pF,50V,0201	FENGHUA	0201CG2R2C500NT	
	Alternative material	01.0102250025.3	Capacitor	CAP,C0G,2.2pF,±0.25pF,50V,0201	MURATA	GRM0335C1H2R2CA01	
	Alternative material	01.0102250025.4	Capacitor	CAP,NPO,2.2pF,±0.25pF,50V,0201	VIIYONG	V2R2C0201C0G500NAT	
3	Main ingredient	01.0127050005	Capacitor	CAP,NPO,27pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN270	C0461
	Alternative material	01.0127050005.1	Capacitor	CAP,COG,27pF,±5%,50V,0201	Eyang	C0201COG270J500NT	
	Alternative material	01.0127050005.2	Capacitor	CAP,COG,27pF,±5%,50V,0201	FENGHUA	0201CG270J500NT	
	Alternative material	01.0127050005.3	Capacitor	CAP,NPO,27pF,±5%,50V,0201	DARFON	C0603NPO270JGT	
	Alternative material	01.0127050005.4	Capacitor	CAP,NPO,27pF,±5%,50V,0201	VIIYONG	V270J0201C0G500NAT	
4	Main ingredient	01.0147050005	Capacitor	CAP,NPO,47pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN470	C0474
	Alternative material	01.0147050005.1	Capacitor	CAP,COG,47pF,±5%,50V,0201	Eyang	C0201COG470J500NT	
	Alternative material	01.0147050005.2	Capacitor	CAP,NPO,47pF,±5%,50V,0201	FENGHUA	0201CG470J500NT	
	Alternative material	01.0147050005.3	Capacitor	CAP,NPO,47pF,±5%,50V,0201	DARFON	C0603NPO470JGT	

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	Alternative material	01.0147050005.4	Capacitor	CAP,NPO,47pF,±5%,50V,0201	VIIYONG	V470J0201C0G500NAT	
5	Main ingredient	03.0201033030	Inductor	IND Multilayer,3.3nH,±0.3nH,0201	sunlord	SDCL0603Q3N3ST02	R0413
	Alternative material	03.0201033032	Inductor	IND Multilayer,3.3nH,±0.3nH,0201	FENGHUA	VHF060303HQ3N3ST	
6	Main ingredient	03.0201051030	Inductor	IND Multilayer,5.1nH,±0.3nH,0201	sunlord	SDCL0603Q5N1ST02	L0456
	Alternative material	03.0201051032	Inductor	IND Multilayer,5.1nH,±0.3nH,0201	FENGHUA	VHF060303HQ5N1ST	
7	Main ingredient	03.0201180005	Inductor	IND Multilayer,18nH,±5%,0201	sunlord	SDCL0603Q18NJT02	R0415
	Alternative material	03.0201180205	Inductor	IND Multilayer,18nH,±5%,0201	FENGHUA	VHF060303HQ18NJT02	
	Alternative material	03.0201180005.1	Inductor	IND Multilayer,18nH,±5%,0201	sunlord	LQP03TN18NJ02D	
	Alternative material	03.0201180005.2	Inductor	IND Multilayer,18nH,±3%,0201	sunlord	LQP03TN18NH02D	
FDD_B28A							
1	Main ingredient	10.8538000000	B28A SAW DPX	SAW DPX,BAND28A,1.8*1.4*0.6mm	EPCOS	B39771B8538P810	U0411
2	Main ingredient	10.2107730000	B28A RX SAW	RX SAW Filter,Unbalanced,B28A,1.15	CETC55	NDFH021-0773SA	U0614
3	Main ingredient	01.0102250025	Capacitor	CAP,NPO,2.2pF,±0.25pF,50V,0201	Yageo	CC0201CRNPO9BN2R2	L0445 L0448
	Alternative material	01.0102250025.1	Capacitor	CAP,C0G,2.2pF,±0.25pF,50V,0201	Eyang	C0201COG2R2C500NT	
	Alternative material	01.0102250025.2	Capacitor	CAP,C0G,2.2pF,±0.25pF,50V,0201	FENGHUA	0201CG2R2C500NT	
	Alternative material	01.0102250025.3	Capacitor	CAP,C0G,2.2pF,±0.25pF,50V,0201	MURATA	GRM0335C1H2R2CA01	
	Alternative material	01.0102250025.4	Capacitor	CAP,NPO,2.2pF,±0.25pF,50V,0201	VIIYONG	V2R2C0201C0G500NAT	
	Main ingredient	01.0106850050	Capacitor	CAP,NPO,6.8pF,±0.5pF,50V,0201	Yageo	CC0201DRNPO9BN6R8	

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4	Alternative material	01.0106850050.1	Capacitor	CAP,COG,6.8pF,±0.5pF,50V,0201	Eyang	C0201COG6R8D500NT
	Alternative material	01.0106850050.2	Capacitor	CAP,COG,6.8pF,±0.5pF,50V,0201	FENGHUA	0201CG6R8D500NT
	Alternative material	01.0106850050.3	Capacitor	CAP,NPO,6.8pF,±0.5pF,50V,0201	DARFON	C0603NPO689DGT
	Alternative material	01.0106850050.4	Capacitor	CAP,NPO,6.8pF,±0.5pF,50V,0201	VIIYONG	V6R8D0201C0G500NAT
5	Main ingredient	01.0139050005	Capacitor	CAP,NPO,39pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN390
	Alternative material	01.0139050005.1	Capacitor	CAP,COG,39pF,±5%,50V,0201	Eyang	C0201COG390J500NT
	Alternative material	01.0139050005.2	Capacitor	CAP,COG,39pF,±5%,50V,0201	FENGHUA	0201CG390J500NT
	Alternative material	01.0139050005.3	Capacitor	CAP,NPO,39pF,±5%,50V,0201	DARFON	C0603NPO390JGT
	Alternative material	01.0139050005.4	Capacitor	CAP,NPO,39pF,±5%,50V,0201	VIIYONG	V390J0201C0G500NAT
6	Main ingredient	01.0147050005	Capacitor	CAP,NPO,47pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN470
	Alternative material	01.0147050005.1	Capacitor	CAP,COG,47pF,±5%,50V,0201	Eyang	C0201COG470J500NT
	Alternative material	01.0147050005.2	Capacitor	CAP,NPO,47pF,±5%,50V,0201	FENGHUA	0201CG470J500NT
	Alternative material	01.0147050005.3	Capacitor	CAP,NPO,47pF,±5%,50V,0201	DARFON	C0603NPO470JGT
	Alternative material	01.0147050005.4	Capacitor	CAP,NPO,47pF,±5%,50V,0201	VIIYONG	V470J0201C0G500NAT
7	Main ingredient	03.0201010030	Inductor	IND Multilayer,1.0nH,±0.3nH,0201	sunlord	SDCL0603Q1N0ST02
	Alternative material	03.0201010032	Inductor	IND Multilayer,1.0nH,±0.3nH,0201	FENGHUA	VHF060303HQ1N0ST
8	Main ingredient	03.0201150005	Inductor	IND Multilayer,15nH,±5%,0201	sunlord	SDCL0603Q15NJT02
	Alternative material	03.0201150205	Inductor	IND Multilayer,15nH,±5%,0201	FENGHUA	VHF060303HQ15NJT

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9	Main ingredient	03.0201062030	Inductor	IND Multilayer,6.2nH,±0.3nH,0201	sunlord	SDCL0603Q6N2ST02	L0460
	Alternative material	03.0201062032	Inductor	IND Multilayer,6.2nH,±0.3nH,0201	FENGHUA	VHF060303HQ6N2ST	
10	Main ingredient	03.0201220005	Inductor	IND Multilayer,22nH,±5%,0201	sunlord	SDCL0603Q22NJT02	L0638 R0416
	Alternative material	03.0201220205	Inductor	IND Multilayer,22nH,±5%,0201	FENGHUA	VHF060303HQ22NJT	
	Alternative material	03.0201220005.1	Inductor	IND Multilayer,22nH,±5%,0201	sunlord	LQP03TN22NJ02D	
	Alternative material	03.0201220005.2	Inductor	IND Multilayer,22nH,±3%,0201	sunlord	LQP03TN22NH02D	

FDD_B28B

1	Main ingredient	10.8539000000	B28B SAW DPX	SAW DPX,BAND28B,1.8*1.4*0.6mm	EPCOS	B39791B8539P810	U0712
2	Main ingredient	10.2207880000	B28B RX SAW	RX SAW Filter,Unbalanced,B28B,1.15	CETC55	NDFH022-0788SA	U0615
3	Main ingredient	01.0106850050	Capacitor	CAP,NPO,6.8pF,±0.5pF,50V,0201	Yageo	CC0201DRNPO9BN6R8	C0644
	Alternative material	01.0106850050.1	Capacitor	CAP,COG,6.8pF,±0.5pF,50V,0201	Eyang	C0201COG6R8D500NT	
	Alternative material	01.0106850050.2	Capacitor	CAP,COG,6.8pF,±0.5pF,50V,0201	FENGHUA	0201CG6R8D500NT	
	Alternative material	01.0106850050.3	Capacitor	CAP,NPO,6.8pF,±0.5pF,50V,0201	DARFON	C0603NPO689DGT	
	Alternative material	01.0106850050.4	Capacitor	CAP,NPO,6.8pF,±0.5pF,50V,0201	VIIYONG	V6R8D0201C0G500NA7	
4	Main ingredient	01.0147050005	Capacitor	CAP,NPO,47pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN470	C0765 C0010 C0009
	Alternative material	01.0147050005.1	Capacitor	CAP,COG,47pF,±5%,50V,0201	Eyang	C0201COG470J500NT	
	Alternative material	01.0147050005.2	Capacitor	CAP,NPO,47pF,±5%,50V,0201	FENGHUA	0201CG470J500NT	
	Alternative material	01.0147050005.3	Capacitor	CAP,NPO,47pF,±5%,50V,0201	DARFON	C0603NPO470JGT	

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	Alternative material	01.0147050005.4	Capacitor	CAP,NPO,47pF,±5%,50V,0201	VIIYONG	V470J0201C0G500NAT	
5	Main ingredient	03.0201010030	Inductor	IND Multilayer,1.0nH,±0.3nH,0201	sunlord	SDCL0603Q1N0ST02	L0743
	Alternative material	03.0201010032	Inductor	IND Multilayer,1.0nH,±0.3nH,0201	FENGHUA	VHF060303HQ1N0ST	
6	Main ingredient	03.0201056030	Inductor	IND Multilayer,5.6nH,±0.3nH,0201	sunlord	SDCL0603Q5N6ST02	L0743
	Alternative material	03.0201056032	Inductor	IND Multilayer,5.6nH,±0.3nH,0201	FENGHUA	VHF060303HQ5N6ST	
7	Main ingredient	03.0201100005	Inductor	IND Multilayer,10nH,±5%,0201	sunlord	SDCL0603Q10NJT02	L0021
	Alternative material	03.0201100205	Inductor	IND Multilayer,10nH,±5%,0201	FENGHUA	VHF060303HQ10NJT	
	Alternative material	03.0201100005.1	Inductor	IND Multilayer,10nH,±5%,0201	sunlord	LQP03TN10NJ02D	
	Alternative material	03.0201100005.2	Inductor	IND Multilayer,10nH,±3%,0201	sunlord	LQP03TN10NH02D	
8	Main ingredient	03.0201220005	Inductor	IND Multilayer,22nH,±5%,0201	sunlord	SDCL0603Q22NJT02	L0651 R0711
	Alternative material	03.0201220205	Inductor	IND Multilayer,22nH,±5%,0201	FENGHUA	VHF060303HQ22NJT	
	Alternative material	03.0201220005.1	Inductor	IND Multilayer,22nH,±5%,0201	sunlord	LQP03TN22NJ02D	
	Alternative material	03.0201220005.2	Inductor	IND Multilayer,22nH,±3%,0201	sunlord	LQP03TN22NH02D	
1	Main ingredient	02.0100020005	Resistor	RES,0Ω±5%,1/20W,0201	UniOhm	0201J0000TCE	R6003
	Alternative material	02.0100020005.1	Resistor	RES,0Ω±5%,1/20W,0201	Yageo	RC0201JR-070RL	
	Alternative material	02.0100020005.2	Resistor	RES,0Ω±5%,1/20W,0201	Ralec	RR0603(0201)L0ROJT	
	Alternative material	02.0100020005.3	Resistor	RES,0Ω±5%,1/20W,0201	FENGHUA	RC-01W000JT	
	Main ingredient	01.0222563020	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	SAMSUNG	CL05A225MQ5NNNC	

2	Alternative material	01.0222563020.1	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	Eyang	C0402X5R225M6R3NTB	C500
	Alternative material	01.0222563020.2	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	MURATA	GRM155R60J225ME15D	
ESD(6-10K)							
1	Main ingredient	05.0551P00000	TVS	(ESD) ±15KV(air), ±8KV(contact);DFN1006-2L 0402 1.1mm*0.7mm 12pF	亿科	ECPLC0551P	T18 T19 T20 T22 T23 T24 T612 T613
	Alternative material	05.5V042N1000	TVS	TVS;Bi-directional;5.0V;15pF;DFN1006-2L	晶岳	SSCE5V042N1	
2	Main ingredient	05.AB5VB00000	TVS	双向TVS;5V;0.5pF;±30KV(Air)±25KV(Contact);DFN1006-2;(1.0*0.6*0.5mm)	亿科	ECELCAB5VB	TVS3125
	Alternative material	05.5V032N1000	TVS	双向TVS;0.2pF;DFN1006-2;(1.0*0.6*0.5mm)	晶岳	SSCE5V032N1	
OTG							
1	Main ingredient	09.6937CSU000	OTG&Charger	Switching Charger IC;Integrated OTG Boost CHG, 12V/3A; 预充500mA; OTG:1A; 1.60*2.0*0.6mm CSP20	ETA	ETA6937CSU	U6104
2	Main ingredient	03.2520101R0M	Power Inductor	Power Inductor,1.0uH,±20%,3.5A,0.063ohm,2.5*2.0*1.0mm	sunlord	SWPA252010S1R0NT	L6100
	Alternative material	03.2520101R0M.1	Power Inductor	Power Inductor,1.0uH,±20%,3.5A,0.063ohm,2.5*2.0*1.0mm	sunlord	SPH252010H1R0MT	
	Alternative material	03.2520101R0M.2	Power Inductor	Power Inductor,1.0uH,±20%,3.5A,0.063ohm,2.5*2.0*1.0mm	sunlord	WPN252010H1R0MT	
	Alternative material	03.2520101R0M.3	Power Inductor	Power Inductor,1.0uH ±20% Is=3.5 Ir=2.9,2.5*2.0*1.0mm	CLHILISI	MHCHL252010F-1R0M-Q8	
	Alternative material	03.2520101R0M.4	Power Inductor	Power Inductor,1.0uH ±20% Is=3.5 Ir=2.9,2.5*2.0*1.0mm	TAITECH	UHP252010NF-1R0M	
3	Main ingredient	02.0100020005	Resistor	RES,0Ω±5%,1/20W,0201	UniOhm	0201J0000TCE	R6109
	Alternative material	02.0100020005.1	Resistor	RES,0Ω±5%,1/20W,0201	Yageo	RC0201JR-070RL	
	Alternative material	02.0100020005.2	Resistor	RES,0Ω±5%,1/20W,0201	Ralec	RR0603(0201)L0ROJT	
	Alternative material	02.0100020005.3	Resistor	RES,0Ω±5%,1/20W,0201	FENGHUA	RC-01W000JT	
	Main ingredient	02.05R0368001	Resistor	RES,0.036Ω±1%,1/8W,0805	UniOhm	0805F360MT5E	

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4	Alternative material	02.05R036800 1.1	Resistor	RES,0.036Ω±1%,1/8W,0805	Yageo	RL0805FR-07R036L	R6107
	Alternative material	02.05R036800 1.2	Resistor	RES,0.036Ω±1%,1/8W,0805	Ralec	RR(2012)0805LR036FT	
5	Main ingredient	02.011012000 5	Resistor	RES,100Ω±5%,1/20W,0201	UniOhm	0201J0101TCE	R0306
	Alternative material	02.011012000 5.1	Resistor	RES,100Ω±5%,1/20W,0201	Yageo	RC0201JR-07100RL	
	Alternative material	02.011012000 5.2	Resistor	RES,100Ω±5%,1/20W,0201	Ralec	RR0603(0201)L101JT	
	Alternative material	02.011012000 5.3	Resistor	RES,100Ω±5%,1/20W,0201	FENGHUA	RC-01W101JT	
6	Main ingredient	02.011022000 5	Resistor	RES,1K,±5%,1/20W,0201	UniOhm	0201J0102TCE	R1202
	Alternative material	02.011022000 5.1	Resistor	RES,1K,±5%,1/20W,0201	Yageo	RC0201JR-071KL	
	Alternative material	02.011022000 5.2	Resistor	RES,1K,±5%,1/20W,0201	Ralec	RR0603(0201)L102JT	
	Alternative material	02.011022000 5.3	Resistor	RES,1K,±5%,1/20W,0201	FENGHUA	RC-01W102JT	
7	Main ingredient	02.011032000 5	Resistor	RES,10K,±5%,1/20W,0201	UniOhm	0201J0103TCE	R6122 R6123
	Alternative material	02.011032000 5.1	Resistor	RES,10K,±5%,1/20W,0201	Yageo	RC0201JR-0710KL	
	Alternative material	02.011032000 5.2	Resistor	RES,10K,±5%,1/20W,0201	Ralec	RR0603(0201)L103JT	
	Alternative material	02.011032000 5.3	Resistor	RES,10K,±5%,1/20W,0201	FENGHUA	RC-01W103JT	
8	Main ingredient	01.0110150005	Capacitor	CAP,NPO,100pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN101	C6119
	Alternative material	01.0110150005.1	Capacitor	CAP,COG,100pF,±5%,50V,0201	Eyang	C0201COG101J500NTA	
	Alternative material	01.0110150005.2	Capacitor	CAP,NPO,100pF,±5%,50V,0201	FENGHUA	0201CG101J500NT	
	Alternative material	01.0110150005.3	Capacitor	CAP,NPO,100pF,±5%,50V,0201	DARFON	C0603NPO101JGT	
	Alternative material	01.0110150005.4	Capacitor	CAP,NPO,100pF,±5%,50V,0201	VIIYONG	V101J0201C0G500NAT	

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9	Main ingredient	01.0133363010	Capacitor	CAP,X5R,33nF,±10%,6.3V,0201	FENGHUA	0201X333K6R3NT	C6116
	Alternative material	01.0133363010.1	Capacitor	CAP,X5R,33nF,±10%,6.3V,0201	SAMSUNG	CL03A333KQ3NNNC	
	Alternative material	01.0133363010.2	Capacitor	CAP,X5R,33nF,±10%,6.3V,0201	MURATA	GRM033R60J333KE01D	
	Alternative material	01.0133363010.3	Capacitor	CAP,X5R,33nF,±10%,6.3V,0201	TAIYO	JMK063BJ333KP-F	
10	Main ingredient	01.0110463010	Capacitor	CAP,X5R,100nF,±10%,6.3V,0201	Eyang	C0201X5R104K6R3NTA	C6109 C6111
	Alternative material	01.0110463010.1	Capacitor	CAP,X5R,100nF,±10%,6.3V,0201	FENGHUA	0201X104K6R3NT	
	Alternative material	01.0110463010.2	Capacitor	CAP,X5R,100nF,±10%,6.3V,0201	MURATA	GRM033R60J104KE19D	
	Alternative material	01.0110463010.3	Capacitor	CAP,X5R,100nF,±10%,6.3V,0201	SAMSUNG	CL03A104KQ3NNNC	
	Alternative material	01.0110463010.4	Capacitor	CAP,X5R,100nF,±10%,6.3V,0201	VIIYONG	V104K0201X5R6R3NAT	
11	Main ingredient	01.0310550010	Capacitor	CAP,X5R,1uF,±10%,50V,0603	Yageo	CC0603KRX5R9BB105	C6113
	Alternative material	01.0310550010.1	Capacitor	CAP,X5R,1uF,±10%,50V,0603	DAKAI	D0603X5R105K500NT	
	Alternative material	01.0310550010.2	Capacitor	CAP,X5R,1uF,±10%,50V,0603	SAMSUNG	CL10A105KB8NNNC	
	Alternative material	01.0310550010.3	Capacitor	CAP,X5R,1uF,±10%,50V,0603	MURATA	GRM188R61A105KA12D	
	Alternative material	01.0310550010.4	Capacitor	CAP,X5R,1uF,±10%,50V,0603	TAIYO	UMK107BJ105KA-T	
12	Main ingredient	01.0110516020	Capacitor	CAP,X5R,1uF,±20%,16V,0201	Eyang	C0201X5R105M160NT	C6112
	Alternative material	01.0110516020.1	Capacitor	CAP,X5R,1uF,±20%,16V,0201	SAMSUNG	CL03A105MO3CSNH	
	Alternative material	01.0110516020.2	Capacitor	CAP,X5R,1uF,±20%,16V,0201	MURATA	GRM033R61C105MEA2D	
	Main ingredient	01.0310663020	Capacitor	CAP,X5R,10uF,±20%,6.3V,0603	SAMSUNG	CL10A106MQ8NNNC	

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13	Alternative material	01.0310663020.1	Capacitor	CAP,X5R,10uF,±20%,6.3V,0603	DAKAI	D0603X5R106M6R3NT	C6101
	Alternative material	01.0310663020.2	Capacitor	CAP,X5R,10uF,±20%,6.3V,0603	Eyang	C0603X5R106M6R3NT	
	Alternative material	01.0310663020.3	Capacitor	CAP,X5R,10uF,±20%,6.3V,0603	MURATA	GRM188R60J106ME47	
	Alternative material	01.0310663020.4	Capacitor	CAP,X5R,10uF,±20%,6.3V,0603	TAIYO	JMK107BJ106MA-T	
1	Main ingredient	09.2131000000	POWER-IC	15-Bump 2.17mm*1.42mm*0.6mm; WLCSP-15; 2.7V to 5.5V	ORIENT-CHIP	OCP2131WPAD	U701
	Alternative material	09.2131BWPAD0	POWER-IC	15-Bump 2.17mm*1.42mm*0.6mm; WLCSP-15; 2.7V to 5.5V	ORIENT-CHIP	OCP2131BWPAD	
2	Main ingredient	03.252010100M.3	Power Inductor	Power Inductor,10uH,20%,2.5mm*2.0mm*1.0mm	sunlord	WPN252010H100M	L700
	Alternative material	03.252010100M.1	Power Inductor	Power Inductor,10uH,20%,2.5mm*2.0mm*1.0mm	sunlord	SPH252010H100MT	
	Alternative material	03.252010100M.2	Power Inductor	Power Inductor,10uH,20%,2.5mm*2.0mm*1.0mm	TAITECH	UHP252010NF-100M	
4	Main ingredient	01.0247563020	Capacitor	CAP,X5R,4.7uF,±20%,6.3V,0402	SAMSUNG	CL05A475MQ5NRNC	C704 C702 C701 C703
	Alternative material	01.0247563020.1	Capacitor	CAP,X5R,4.7uF,±20%,6.3V,0402	Eyang	C0402X5R475M6R3NT	
	Alternative material	01.0247563020.2	Capacitor	CAP,X5R,4.7uF,±20%,6.3V,0402	MURATA	GRM155R60J475ME15D	
5	Main ingredient	01.0222563020	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	SAMSUNG	CL05A225MQ5NNNC	C700
	Alternative material	01.0222563020.1	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	Eyang	C0402X5R225M6R3NT	
	Alternative material	01.0222563020.2	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	MURATA	GRM155R60J225ME15D	
#REF!	Main ingredient	09.3140000000	Flash Driver	Flash LED driver 1000mA Buck/Boost Charge Pump LED Driver 3*3*0.8mm,DFN10,	GX	BCT3140EGG-TR	U720
#REF!	Main ingredient	02.05R2208001	Resistor	RES,0.22Ω±1%,1/8W,0805	UniOhm	0805F220LT5E	R722
	Alternative material	02.05R2208001.1	Resistor	RES,0.22Ω±1%,1/8W,0805	Ralec	RR(2012)0805LOR22FT	

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#REF!	Main ingredient	02.0275316005	Resistor	RES,75K,±5%,1/16W,0402	UniOhm	0402J0753TCE	R721 作成日期: 2022/7/30
	Alternative material	02.0275316005.1	Resistor	RES,75K,±5%,1/16W,0402	Yageo	RC0402JR-0775KL	
	Alternative material	02.0275316005.2	Resistor	RES,75K,±5%,1/16W,0402	Ralec	RR1005(0402)L753JT	
	Alternative material	02.0275316005.3	Resistor	RES,75K,±5%,1/16W,0402	FENGHUA	RC-02W753JT	
#REF!	Main ingredient	01.0210563010	Capacitor	CAP,X5R,1uF,±10%,6.3V,0402	SAMSUNG	CL05A105KQ5NNNC	C720
	Alternative material	01.0210563010.1	Capacitor	CAP,X5R,1uF,±10%,6.3V,0402	TAIYO	JMK105BJ105KV-F	
	Alternative material	01.0210563010.2	Capacitor	CAP,X5R,1uF,±10%,6.3V,0402	Eyang	C0402X5R105K6R3NTE	
#REF!	Main ingredient	01.0310610020	Capacitor	CAP,X5R,10uF,±20%,10V,0603	Yageo	CC0603MRX5R6BB106	C721 C722
	Alternative material	01.0310610020.1	Capacitor	CAP,X5R,10uF,±20%,10V,0603	DAKAI	D0603X5R106M100NT	
	Alternative material	01.0310610020.2	Capacitor	CAP,X5R,10uF,±20%,10V,0603	SAMSUNG	CL10A106MP8NNNC	
	Alternative material	01.0310610020.3	Capacitor	CAP,X5R,10uF,±20%,10V,0603	MURATA	GRM188R61A106MA01D	
	Alternative material	01.0310610020.4	Capacitor	CAP,X5R,10uF,±20%,10V,0603	TAIYO	LMK107BJ106MA-T	
Gsensor							
1	Main ingredient	09.0850S00000	3D	Digital Output 3-axis MEMS Accelerometer;±2g/±4g/±8g/±16g;2mm*2mm*1.0mm LGA	XC	STK8BA50-S	U5200
	Alternative material	09.2182209000	3D	Digital Output 3-axis MEMS Accelerometer;±2g/±4g/±8g/±16g;2mm*2mm*0.9mm LGA-12	MH	DA218-B	
2	Main ingredient	02.0100020005	Resistor	RES,0Ω±5%,1/20W,0201	UniOhm	0201J0000TCE	R5204
	Alternative material	02.0100020005.1	Resistor	RES,0Ω±5%,1/20W,0201	Yageo	RC0201JR-070RL	
	Alternative material	02.0100020005.2	Resistor	RES,0Ω±5%,1/20W,0201	Ralec	RR0603(0201)L0ROJT	

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	Alternative material	02.0100020005.3	Resistor	RES,0Ω±5%,1/20W,0201	FENGHUA	RC-01W000JT	
3	Main ingredient	01.0110563020	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	Eyang	C0201X5R105M6R3NTX	C5208 C1202
	Alternative material	01.0110563020.1	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	SAMSUNG	CL03A105MQ3CSN	
	Alternative material	01.0110563020.2	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	MURATA	GRM033R60J105MEA2J	
	Alternative material	01.0110563020.3	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	KYOCERA	CM03X5R105M06AH	
	Alternative material	01.0110563020.4	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	TAIYO	JMK063ABJ105MP-F	
	Alternative material	01.0110563020.5	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	VIIYONG	V105M0201X5R6R3NXT	
#REF!	Main ingredient	09.3338V00000	P-SENSOR	STK3338-V;1.7 ~ 3.6V;OLGA;2.84 x 1.44 x 0.65 (mm)	矽创	STK3338-V	U5202
#REF!	Main ingredient	01.0110563020	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	Eyang	C0201X5R105M6R3NTX	C15 C16
	Alternative material	01.0110563020.1	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	SAMSUNG	CL03A105MQ3CSN	
	Alternative material	01.0110563020.2	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	MURATA	GRM033R60J105MEA2J	
	Alternative material	01.0110563020.3	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	KYOCERA	CM03X5R105M06AH	
	Alternative material	01.0110563020.4	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	TAIYO	JMK063ABJ105MP-F	
	Alternative material	01.0110563020.5	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	VIIYONG	V105M0201X5R6R3NXT	
#REF!	Main ingredient	02.0100020005	Resistor	RES,0Ω±5%,1/20W,0201	UniOhm	0201J0000TCE	R3100 R3101
	Alternative material	02.0100020005.1	Resistor	RES,0Ω±5%,1/20W,0201	Yageo	RC0201JR-070RL	
	Alternative material	02.0100020005.2	Resistor	RES,0Ω±5%,1/20W,0201	Ralec	RR0603(0201)L0ROJT	
	Alternative material	02.0100020005.3	Resistor	RES,0Ω±5%,1/20W,0201	FENGHUA	RC-01W000JT	
	Main ingredient	02.0100020005	Resistor	RES,0Ω±5%,1/20W,0201	UniOhm	0201J0000TCE	

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1	Alternative material	02.010002000 5.1	Resistor	RES,0Ω±5%,1/20W,0201	Yageo	RC0201JR-070RL	R3111 R3112
	Alternative material	02.010002000 5.2	Resistor	RES,0Ω±5%,1/20W,0201	Ralec	RR0603(0201)L0ROJT	
	Alternative material	02.010002000 5.3	Resistor	RES,0Ω±5%,1/20W,0201	FENGHUA	RC-01W000JT	
2	Main ingredient	01.0147050005	Capacitor	CAP,NPO,47pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN470	C3127 C3128
	Alternative material	01.0147050005.1	Capacitor	CAP,COG,47pF,±5%,50V,0201	Eyang	C0201COG470J500NT	
	Alternative material	01.0147050005.2	Capacitor	CAP,NPO,47pF,±5%,50V,0201	FENGHUA	0201CG470J500NT	
	Alternative material	01.0147050005.3	Capacitor	CAP,NPO,47pF,±5%,50V,0201	DARFON	C0603NPO470JGT	
	Alternative material	01.0147050005.4	Capacitor	CAP,NPO,47pF,±5%,50V,0201	VIIYONG	V470J0201C0G500NAT	
#REF!	Main ingredient	09.8937STR000	Audio PA	Audio PA;Class K;1.2W;FC-16;2.0*2.0*1.0mm,WCSP-14L	BROADCHIP	BCT8937SEWD-TR	U500
#REF!	Main ingredient	02.020001600 5	Resistor	RES,0Ω±5%,1/16W,0402	UniOhm	0402J0000TCE	B1102 B1103
	Alternative material	02.020001600 5.1	Resistor	RES,0Ω±5%,1/16W,0402	Yageo	RC0402JR-070RL	
	Alternative material	02.020001600 5.2	Resistor	RES,0Ω±5%,1/16W,0402	Ralec	RR1005(0402)L0ROJT	
	Alternative material	02.020001600 5.3	Resistor	RES,0Ω±5%,1/16W,0402	FENGHUA	RC-02000JT	
#REF!	Main ingredient	02.013022000 5	Resistor	RES,3K,±5%,1/20W,0201	UniOhm	0201J0302TCE	R522 R523
	Alternative material	02.013022000	Resistor	RES,3K,±5%,1/20W,0201	Yageo	RC0201JR-073KL	
	Alternative material	02.013022000	Resistor	RES,3K,±5%,1/20W,0201	Ralec	RR0603(0201)L302JT	
	Alternative material	02.013022000	Resistor	RES,3K,±5%,1/20W,0201	FENGHUA	RC-01W302JT	
#REF!	Main ingredient	02.015632000 1	Resistor	RES,56K,±1%,1/20W,0201	UniOhm	0201F5602TCE	R521
	Alternative material	02.015632000 1.1	Resistor	RES,56K,±1%,1/20W,0201	Yageo	RC0201FR-0756KL	
	Alternative material	02.015632000 1.2	Resistor	RES,56K,±1%,1/20W,0201	Ralec	RR0603(0201)L5602FT	

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	Alternative material	02.015632000 1.3	Resistor	RES,56K,±1%,1/20W,0201	FENGHUA	RC-01W5602FT	
#REF!	Main ingredient	01.0122150010	Capacitor	CAP,X7R,220pF,±10%,50V,0201	Yageo	CC0201KRX7R9BB221	C531
	Alternative material	01.0122150010.1	Capacitor	CAP,X7R,220pF,±10%,50V,0201	Eyang	C0201X7R221K500NTA	
	Alternative material	01.0122150010.2	Capacitor	CAP,X7R,220pF,±10%,50V,0201	FENGHUA	0201B221K500NT	
	Alternative material	01.0122150010.3	Capacitor	CAP,X7R,220pF,±10%,50V,0201	MURATA	GRM033R71H221KA12I	
	Alternative material	01.0122150010.4	Capacitor	CAP,X7R,220pF,±10%,50V,0201	VIIYONG	V221K0201X7R500NAT	
#REF!	Main ingredient	01.0110250010	Capacitor	CAP,X7R,1.0nF,±10%,50V,0201	Yageo	CC0201KRX7R9BB102	C528 C530
	Alternative material	01.0110250010.1	Capacitor	CAP,X7R,1.0nF,±10%,50V,0201	Eyang	C0201X7R102K500NT	
	Alternative material	01.0110250010.2	Capacitor	CAP,X7R,1.0nF,±10%,50V,0201	FENGHUA	0201B102K500NT	
	Alternative material	01.0110250010.3	Capacitor	CAP,X7R,1.0nF,±10%,50V,0201	DARFON	C0603X7R102KGT	
	Alternative material	01.0110250010.4	Capacitor	CAP,X7R,1.0nF,±10%,50V,0201	MURATA	GRM033R71H102KA12I	
	Alternative material	01.0110250010.5	Capacitor	CAP,X7R,1.0nF,±10%,50V,0201	VIIYONG	V102K0201X7R500NAT	
#REF!	Main ingredient	01.0122363010	Capacitor	CAP,X5R,22nF,±10%,6.3V,0201	Eyang	C0201X5R223K6R3NTA	C526 C527
	Alternative material	01.0122363010.1	Capacitor	CAP,X5R,22nF,±10%,6.3V,0201	FENGHUA	0201X223K6R3NT	
	Alternative material	01.0122363010.2	Capacitor	CAP,X5R,22nF,±10%,6.3V,0201	SAMSUNG	CL03A223KQ3NNNC	
	Alternative material	01.0122363010.3	Capacitor	CAP,X5R,22nF,±10%,6.3V,0201	MURATA	GRM033R60J223KE01D	
	Alternative material	01.0122363010.4	Capacitor	CAP,X5R,22nF,±10%,6.3V,0201	TAIYO	JMK063BJ223KP-F	
	Main ingredient	01.0110416010	Capacitor	CAP,X5R,100nF,±10%,16V,0201	Yageo	CC0201KRX5R7BB104	
	Alternative material	01.0110416010.1	Capacitor	CAP,X5R,100nF,±10%,16V,0201	Eyang	C0201X5R104K160NTA	

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#REF!	Alternative material	01.0110416010.2	Capacitor	CAP,X5R,100nF,±10%,16V,0201	FENGHUA	0201X104K160NT	C523
	Alternative material	01.0110416010.3	Capacitor	CAP,X5R,100nF,±10%,16V,0201	SAMSUNG	CL03A104KO3NNNC	
	Alternative material	01.0110416010.4	Capacitor	CAP,X5R,100nF,±10%,16V,0201	MURATA	GRM033R61C104KE84D	
	Alternative material	01.0110416010.5	Capacitor	CAP,X5R,100nF,±10%,16V,0201	VIIYONG	V104K0201X5R160NAT	
#REF!	Main ingredient	01.0222563020	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	SAMSUNG	CL05A225MQ5NNNC	C524 C525
	Alternative material	01.0222563020.1	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	Eyang	C0402X5R225M6R3NTB	
	Alternative material	01.0222563020.2	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	MURATA	GRM155R60J225ME15D	
#REF!	Main ingredient	01.0247563020	Capacitor	CAP,X5R,4.7uF,±20%,6.3V,0402	SAMSUNG	CL05A475MQ5NRNC	C522
	Alternative material	01.0247563020.1	Capacitor	CAP,X5R,4.7uF,±20%,6.3V,0402	Eyang	C0402X5R475M6R3NTB	
	Alternative material	01.0247563020.2	Capacitor	CAP,X5R,4.7uF,±20%,6.3V,0402	MURATA	GRM155R60J475ME15D	
#REF!	Main ingredient	01.0347510010	Capacitor	CAP,X5R,4.7uF,±10%,10V,0603	Yageo	CC0603KRX5R6BB475	C529
	Alternative material	01.0347510010.1	Capacitor	CAP,X5R,4.7uF,±10%,10V,0603	DAKAI	D0603X5R475K100NT	
	Alternative material	01.0347510010.2	Capacitor	CAP,X5R,4.7uF,±10%,10V,0603	SAMSUNG	CL10A475KP8NNNC	
	Alternative material	01.0347510010.3	Capacitor	CAP,X5R,4.7uF,±10%,10V,0603	MURATA	GRM188R61A475KE15D	
#REF!	Main ingredient	01.0122050005	Capacitor	CAP,NPO,22pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN220	C5219 C5224 C5225 C5226 C5227 C5228
	Alternative material	01.0122050005.1	Capacitor	CAP,COG,22pF,±5%,50V,0201	Eyang	C0201COG220J500NTA	
	Alternative material	01.0122050005.2	Capacitor	CAP,COG,22pF,±5%,50V,0201	FENGHUA	0201CG220J500NT	
	Alternative material	01.0122050005.3	Capacitor	CAP,NPO,22pF,±5%,50V,0201	DARFON	C0603NPO220JGT	
	Alternative material	01.0122050005.4	Capacitor	CAP,NPO,22pF,±5%,50V,0201	MURATA	GRM0335C1H220JA01D	

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	Alternative material	01.0122050005.5	Capacitor	CAP,NPO,22pF,±5%,50V,0201	VIIYONG	V220J0201C0G500NAT	
#REF!	Main ingredient	01.0110416010	Capacitor	CAP,X5R,100nF,±10%,16V,0201	Yageo	CC0201KRX5R7BB104	C1207 C1214
	Alternative material	01.0110416010.1	Capacitor	CAP,X5R,100nF,±10%,16V,0201	Eyang	C0201X5R104K160NTA	
	Alternative material	01.0110416010.2	Capacitor	CAP,X5R,100nF,±10%,16V,0201	FENGHUA	0201X104K160NT	
	Alternative material	01.0110416010.3	Capacitor	CAP,X5R,100nF,±10%,16V,0201	SAMSUNG	CL03A104KO3NNNC	
	Alternative material	01.0110416010.4	Capacitor	CAP,X5R,100nF,±10%,16V,0201	MURATA	GRM033R61C104KE84D	
	Alternative material	01.0110416010.5	Capacitor	CAP,X5R,100nF,±10%,16V,0201	VIIYONG	V104K0201X5R160NAT	
#REF!	Main ingredient	01.0110563020	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	Eyang	C0201X5R105M6R3NTX	C1206
	Alternative material	01.0110563020.1	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	SAMSUNG	CL03A105MQ3CSN	
	Alternative material	01.0110563020.2	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	MURATA	GRM033R60J105MEA2J	
	Alternative material	01.0110563020.3	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	KYOCERA	CM03X5R105M06AH	
	Alternative material	01.0110563020.4	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	TAIYO	JMK063ABJ105MP-F	
	Alternative material	01.0110563020.5	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	VIIYONG	V105M0201X5R6R3NXT	
1	Main ingredient	06.060022013 0.1	Fing Connector	ZIF Connector ,13pin, 0.3pitch Black	OCN	OK-F302-13115	J905
1	Main ingredient	06.08201B2430	GPS Antenna shrapnel	L2.9*W1.0*H1.4	DW	SC-201B243	ANT2 ANT3
2	Main ingredient	02.020001600 5	Resistor	RES,0Ω±5%,1/16W,0402	UniOhm	0402J0000TCE	R7210
	Alternative material	02.020001600 5.1	Resistor	RES,0Ω±5%,1/16W,0402	Yageo	RC0402JR-070RL	
	Alternative material	02.020001600 5.2	Resistor	RES,0Ω±5%,1/16W,0402	Ralec	RR1005(0402)L0ROJT	
	Alternative material	02.020001600 5.3	Resistor	RES,0Ω±5%,1/16W,0402	FENGHUA	RC-02000JT	

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1	Main ingredient	06.0630221115	C-cam Connector	ZIF Connector ,21pin, 0.3pitch Black	OCN	OK-F302-21115	J203
1	Main ingredient	06.0191070001	SIM	1.35H NANO SIM core-W	WS	SM91-CR07AB-00-01	CON11 CON12
2	Main ingredient	06.0191070002	SD	1.35H TF core-W	WS	SM91-CR07AB-00-02	CON13
3	Main ingredient	06.0191070000	SIM/SD	1.35H L36.75 SIM Shell material-W	WS	SM91-CR07AB-00	CON14
4	Main ingredient	06.0801302200	LET Antenna shrapnel	L2.2*W1.0*H1.3	WS	CR-0130-0220	ANT0802 ANT0803
5	Main ingredient	06.0583060000	Earphone stand	6Pin 3.6H Earphone stand-Q	WS	PJ83-CR06AB-00	J402
	Alternative material	06.0583060000.1	Earphone stand	6Pin 3.6H Earphone stand-W	WS	PJ83-CR06AB-01	
6	Main ingredient	06.0635006040	BTB Battery holder	BTB Connector, 6pin, 0.8Picth, 0.6H	OCN	OK-35F006-04	J6101
	Alternative material	06.0635006040.1	BTB Battery holder	BTB Connector, 6pin, 0.8Picth, 0.6H	OCN	OK-35GF006-04	
7	Main ingredient	06.0606080060.3	KEY Connector	ZIF Connector,6pin, 0.5pitch Black	OCN	OK-F501-06325	J4
8	Main ingredient	06.0614240400	F-cam Connector	BTB Connector, 24pin, 0.4Picth, 0.8H	OCN	OK-14F024-04	J800
9	Main ingredient	06.0600100250.2	SUB Connector	ZIF Connector ,25pin, 0.3pitch Black	OCN	OK-F302-25115	J110
	Alternative material	06.0630225115		ZIF Connector ,25pin, 0.3pitch White	OCN	OK-F302-25115W	
10	Main ingredient	06.0600080310.2	b-cam Connector	ZIF Connector ,31pin, 0.3pitch Black	OCN	OK-F302-31115	J201
11	Main ingredient	06.0606080390.	LCD Connector	ZIF Connector ,39pin, 0.3pitch Black	OCN	OK-F302-39115	J200
12	Main ingredient	06.0681801199	RF Test stand	RF Test stand,2*2*0.9H	ECT	ECT818011998	J0703

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13	Main ingredient	06.0606080500	RF Connector	RF Connector, 2*2*0.6H	ECT	ECT818000500	J0402
14	Main ingredient	06.0820141638	light pogo	H2.0	JYS	ES-2.0-201416-3U-80G	ANT10 ANT11 作成日期: 2022/7/30
15	Main ingredient	06.09J523B631	BB shielding	BB shielding, 30.8*30*1.5, Tinplate	JA	J523B-9863-BB-M	
16	Main ingredient	06.09J523B632	RF shielding	RF shielding, 27.5*20.4*1.5, Tinplate	JA	J523B-9863-RF-M	
17	Main ingredient	06.09J523B633	QT1 shielding	QT1 shielding, 23.9*13.5*1.5, Tinplate	JA	J523B-9863-QT1-M	
18	Main ingredient	06.09J523B635	EF shielding	EF shielding, 26.8*24.7*1.5, Tinplate	JA	J523B-9863-EF-MT	
19	Main ingredient	06.09J4133905	PMU shielding	PMU shielding, 10.1*9.15*1.4, Tinplate	JA	J413-6739-PMU-M	
20	Main ingredient	07.J523B323E2.1	PCB	J523B_63_32EMB_D3EF_V1.1,10层1阶板FR4,1拼6,尺寸为:198.2*108.1*0.8mm(无板边)	科翔	J523B_63_32EMB_D3EFV1.1_配TYPE_C_大封装正底制板文	
1	Main ingredient	02.0100020005	Resistor	RES,0Ω±5%,1/20W,0201	UniOhm	0201J0000TCE	RA2 RA910
	Alternative material	02.0100020005.1	Resistor	RES,0Ω±5%,1/20W,0201	Yageo	RC0201JR-070RL	
	Alternative material	02.0100020005.2	Resistor	RES,0Ω±5%,1/20W,0201	Ralec	RR0603(0201)L0ROJT	
	Alternative material	02.0100020005.3	Resistor	RES,0Ω±5%,1/20W,0201	FENGHUA	RC-01W000JT	
2	Main ingredient	02.0200016005	Resistor	RES,0Ω±5%,1/16W,0402	UniOhm	0402J0000TCE	BA1 BA2
	Alternative material	02.0200016005.1	Resistor	RES,0Ω±5%,1/16W,0402	Yageo	RC0402JR-070RL	
	Alternative material	02.0200016005.2	Resistor	RES,0Ω±5%,1/16W,0402	Ralec	RR1005(0402)L0ROJT	
	Alternative material	02.0200016005.3	Resistor	RES,0Ω±5%,1/16W,0402	FENGHUA	RC-02000JT	

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3	Main ingredient	01.0133050005	Capacitor	CAP,NPO,33pF,±5%,50V,0201	Yageo	CC0201JRNPO9BN330	CA901 CA902 CA903 CA904 CA911 CA912
	Alternative material	01.0133050005.1	Capacitor	CAP,COG,33pF,±5%,50V,0201	Eyang	C0201COG330J500NTA	
	Alternative material	01.0133050005.2	Capacitor	CAP,COG,33pF,±5%,50V,0201	FENGHUA	0201CG330J500NT	
	Alternative material	01.0133050005.3	Capacitor	CAP,NPO,33pF,±5%,50V,0201	DARFON	C0603NPO330JGT	
	Alternative material	01.0133050005.4	Capacitor	CAP,COG,33pF,±5%,50V,0201	MURATA	GRM0335C1H330JA01D	
	Alternative material	01.0133050005.5	Capacitor	CAP,NPO,33pF,±5%,50V,0201	VIIYONG	V330J0201C0G500NAT	
4	Main ingredient	01.0110563020	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	Eyang	C0201X5R105M6R3NTX	CA910
	Alternative material	01.0110563020.1	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	SAMSUNG	CL03A105MQ3CSN	
	Alternative material	01.0110563020.2	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	MURATA	GRM033R60J105MEA2J	
	Alternative material	01.0110563020.3	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	KYOCERA	CM03X5R105M06AH	
	Alternative material	01.0110563020.4	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	TAIYO	JMK063ABJ105MP-F	
	Alternative material	01.0110563020.5	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	VIIYONG	V105M0201X5R6R3NXT	
5	Main ingredient	01.0310550010	Capacitor	CAP,X5R,1uF,±10%,50V,0603	Yageo	CC0603KRX5R9BB105	CA456
	Alternative material	01.0310550010.1	Capacitor	CAP,X5R,1uF,±10%,50V,0603	DAKAI	D0603X5R105K500NT	
	Alternative material	01.0310550010.2	Capacitor	CAP,X5R,1uF,±10%,50V,0603	SAMSUNG	CL10A105KB8NUNC	
	Alternative material	01.0310550010.3	Capacitor	CAP,X5R,1uF,±10%,50V,0603	MURATA	GRM188R61A105KA12D	
	Alternative material	01.0310550010.4	Capacitor	CAP,X5R,1uF,±10%,50V,0603	TAIYO	UMK107BJ105KA-T	
6	Main ingredient	01.0222563020	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	SAMSUNG	CL05A225MQ5NUNC	CA905
	Alternative material	01.0222563020.1	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	Eyang	C0402X5R225M6R3NTB	
	Alternative material	01.0222563020.2	Capacitor	CAP,X5R,2.2uF,±20%,6.3V,0402	MURATA	GRM155R60J225ME15D	

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	Main ingredient	04.0402102200	Ferrite Bead	0402,1000ohm/100MHZ,+/-25%,200mA,DCR=0.9Ω.	Sunlord	SZ1005K102CTF	
	Alternative material	04.0402102000	Ferrite Bead	BEAD;1000ohm,150mA;1.2ohm;0402	JB	MCB1005B102EBP	
	Alternative material	04.0402102000.2	Ferrite Bead	BEAD;1000ohm,150mA;1.2ohm;0402	Sunlord	GZ1005D102TF	
	Alternative material	04.0402102000.3	Ferrite Bead	BEAD;1000ohm,150mA;1.2ohm;0402	Sunlord	GZ1005D102CTF	
	Alternative material	04.0402102000.4	Ferrite Bead	BEAD;1000ohm,150mA;1.2ohm;0402	Sunlord	GZ1005U102CTF	
8	Main ingredient	04.0402750000.1	Ferrite Bead	Bead, 75ohm@100MHz, ±25%, 600mA, 0.3	Sunlord	SZ1005G750TF	RA903 RA904
	Alternative material	04.0402750000.2	Ferrite Bead	Bead, 75ohm@100MHz, ±25%, 600mA, 0.3	Sunlord	SZ1005K750TF	
	Alternative material	04.0402750000.3	Ferrite Bead	Ferrite Bead;75ohm@100MHz;250mA;0.5ohm;0402	JB	MCB1005H750FBP	
9	Main ingredient	09.1245000000	SWITCH	SP4T Antenna tuner,1.1mm*1.5mm*0.51mm	RDA	RST1245	UA901
	Alternative material	09.5784100000	SWITCH	10-Pin, 1.5mm*1.1mm*0.55mm LGA Module Halogen Free	LANSUS	FX5784TR1	

NO OVP

#REF!	Main ingredient	02.0500008005	Resistor	RES,0Ω±5%,1/8W,0805	UniOhm	0805J0000T5E	RA907
	Alternative material	02.0500008005.1	Resistor	RES,0Ω±5%,1/8W,0805	Yageo	RC0805JR-070RL	
	Alternative material	02.0500008005.2	Resistor	RES,0Ω±5%,1/8W,0805	Ralec	RR2012(0805)L0R0JT	
	Alternative material	02.0500008005.3	Resistor	RES,0Ω±5%,1/8W,0805	FENGHUA	RC-05000JT	
1	Main ingredient	06.38137299E0	Patch microphone	Chip analog silicon microphone (back sound)	MXW	MSM381A3729Z9E-C	MICA1
2	Main ingredient	02.0100020005	Resistor	RES,0Ω±5%,1/20W,0201	UniOhm	0201J0000TCE	RA905
	Alternative material	02.0100020005.1	Resistor	RES,0Ω±5%,1/20W,0201	Yageo	RC0201JR-070RL	
	Alternative material	02.0100020005.2	Resistor	RES,0Ω±5%,1/20W,0201	Ralec	RR0603(0201)L0R0JT	

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	Alternative material	02.0100020005.3	Resistor	RES,0Ω±5%,1/20W,0201	FENGHUA	RC-01W000JT	
3	Main ingredient	02.0200016005	Resistor	RES,0Ω±5%,1/16W,0402	UniOhm	0402J0000TCE	RA906
	Alternative material	02.0200016005.1	Resistor	RES,0Ω±5%,1/16W,0402	Yageo	RC0402JR-070RL	
	Alternative material	02.0200016005.2	Resistor	RES,0Ω±5%,1/16W,0402	Ralec	RR1005(0402)L0ROJT	
	Alternative material	02.0200016005.3	Resistor	RES,0Ω±5%,1/16W,0402	FENGHUA	RC-02000JT	
4	Main ingredient	01.0110563020	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	Eyang	C0201X5R105M6R3NT	CA250
	Alternative material	01.0110563020.1	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	SAMSUNG	CL03A105MQ3CSN	
	Alternative material	01.0110563020.2	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	MURATA	GRM033R60J105MEA2J	
	Alternative material	01.0110563020.3	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	KYOCERA	CM03X5R105M06AH	
	Alternative material	01.0110563020.4	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	TAIYO	JMK063ABJ105MP-F	
	Alternative material	01.0110563020.5	Capacitor	CAP,X5R,1uF,±20%,6.3V,0201	VIIYONG	V105M0201X5R6R3NXT	
1	Main ingredient	05.1120000000	ESD	ESD protector;Uni-directional;12V;1500pF;4600W;SOD-123;3.1*2*1.0mm	Prisemi	PTVSHC1TF12VU	DA6

ESD(6K10K)

1	Main ingredient	05.2500620700	TVS	TVS;Bi-directional;5.0V;15pF;DFN1006-2L	Prisemi	PESDNC2FD5VB	TVSA90 TVSA91 VA107
2	Main ingredient	05.MC2FD5VB00	TVS	TVS(channels);5V;0.5pF;SOD-923	Prisemi	PESDMC2FD5VB	VA108 VA109
	Alternative material	05.5923095000.1	TVS	TVS(channels);5V;0.5pF;SOD-923	Prisemi	PESDUC2FD5VB	
3	Main ingredient	05.NC2FD12VB0	TVS	Two-way TVS; VRWM=12V; IR=1uA; Air = + 30 kv; Contact = + 30 kv; Packaging: 0402 (DFN1006-2	Prisemi	PESDNC2FD12VB	TVSA902,TVS A903
1	Main ingredient	06.0801302200	SPK shrapnel	L2. 2*W1.0*H1.3	WS	CR-0130-0220	SPK+ SPK-

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1	Main ingredient	06.0362166200	TYPE-C	I-U TYPE C 16PIN	WS	MU62-CR16AB-62	JA107
	Main ingredient	06.0600100250.2	SUB Connector	ZIF Connector ,25pin, 0.3pitch Black	OCN	OK-F302-25115	
	Alternative material	06.0630225115		ZIF Connector ,25pin, 0.3pitch White	OCN	OK-F302-25115W	
3	Main ingredient	06.08201B2430	ANT Antenna shrapnel	L2.9*W1.0*H1.4	DW	SC-201B243	ANTA101 ANTA102 ANTA103 ANTA104
4	Main ingredient	06.0606080500	RF Connector	RF Connector, 2*2*0.6H	ECT	ECT818000500	JA901