

NO.	Component	Specification	Qty.	Instead
Whole-unit,BOM				
1	LCD Module	INN101DP18V3	1	
2	Touch Panel	ACE-GG10.1A-381-Y,Capacitance,10.1"16:10	1	
3	Power Adapter	HNB050200X,CE&uk&UL&AU,USB,Black	1	
4	Battery Pack	BT-D014L,3574108(Lithium polymer),6400mAh,3.7V	1	
5	Speaker	107-1609-03002-j,0.7W,8R,L40.61*W34.64*H6.15	1	
6	Camera	U-SMB-D1024-2145,V1.0,2M	1	
7	Vibration motor	LCM-0827A1925F(31mm Cable)	1	
8	Antenna	GX005S.300074.S01,FPC,1570MHz~2500MHz,I-pex D0.81* L20	1	
9	USB Cable	USB-12mm+0.5/-0=MICRO USB-5.5mm+0.2/-0-,[1.0m,Black]	1	
10	User Manual	DTT,DL,User Manual,V1.0	1	
11	PEVA Packing bag	275*280mm,NA,NA	1	
12	PE Packing bag	125*180mm,NA,NA	1	
13	Color carton	DTT,SMB-D1024,V1.0,NR	1	
14	Blank stickers	T01,30*8mmCoated paper sticker	2	
15	Blank stickers	SMBD1024-T01,55*90mm,Coated paper sticker	0.2	
16	Battery label	Lithium battery label,120*110mm,Coated paper sticker	0.2	
17	Flat Cable	0.5mm,4P,32.5mm,-40C~+80C	1	
18	Flat Cable	0.5mm,20P,21.5mm,-40C~+80C	1	
19	Flat Cable	0.5mm,6P,41mm,-40C~+80C	1	
20	Flat Cable	0.5mm,8P,109mm,-40C~+80C	1	
21	Flat Cable	0.5mm,40P,99.5mm,-40C~+80C	1	
22	Flat Cable	0.5mm,16P,18.5mm,-40C~+80C	1	
23	PET protective film	SMBC1006-H03,0.05PET(Blue and white, DTT SMB-D1024),NR	1	

24	Horn Cover	SMBD1019-PT02,Horn Cover,0.1Stainless steel,Black	2	
25	Plastics Part	SMBD1024-H05,Camera Cover,3M944,Black	1	
26	Plastics Part	SMBD1012-RE08	2	
27	Plastics Part	SMBD1019-RE02,Black	1	
28	Metal Part	SMBB1013-PT02,0.3mm	1	
29	Metal Part	SMBD1019-PT06,0.5mm	1	
30	Metal Part	SMBD1019-PT01	1	
31	Machine screw	M1.6*1.7CMHO (K=0.3 D=3.5)	1	
32	Machine screw	M1.6*2.5CMHNI (K=0.5 D=3)	18	
33	Machine screw	M2*2CMHNI	4	
34	Double-sided adhesive	3M9080,3mm*48mm,0.1	1	
35	Double-sided adhesive	SMBD1019-H01,V2020	1	
36	Poron	SMBD1019-H04,DustPoron,ES,3M9448,Black	1	
37	Poron	SMBD1019-H06,Dust,SRS15P-10,TESA68562&TESA4972	1	
38	Insulation mat	φ4*φ2*0.3mm,,Black	3	
39	Insulation mat	228*3*0.15mm,TESA4972,Black	1	
40	Sponge pad	5*2.5*1.5mm,Black	1	
41	Silicone pad	SMBD1024-H04,MIC Silicone pad,Hardness 45, black	1	
42	Conductive foam	GR01638F,7*7*1mm	4	
43	Conductive cloth	10*4mm,0.1mm	1	

No.	Component	Specification	Qty.	Location	Instead
SD card Board 8636C V3.0 BOM					
1	SMD ceramic	0402,4.7uF,6.3V,X5R,0.5mm,M,SMD/CC0402MRX5R5BB	1	C1	No
2	Micro SD Socket	01780000.BG,SMD	1	SD1	No
3	Horizontal FPC socket	20P,0.5mm,Non-breaking plate,clamshell,Under contact,single row,SMD	1	CN1	No
4	PCB circuit	8636C,V3.0,2013.11.11	1		No
HDMI Jack Board 8738C V2.0 BOM					
1	SMD ceramic	0201,102,25V,X5R,0.3mm,K,SMD	1	C1	No
2	HDMI Socket	1166-2C105-211-C,SMD	1	JP1	No
3	Horizontal FPC socket	16P,0.5mm,Non-breaking plate,clamshell,Under contact,single row,SMD	1	CN1	No
4	PCB circuit	8738C,V2.0,2014.01.23	1		No
Earphone Jack Board 8643C V4.0 BOM					
1	Horizontal FPC socket	6P,0.5mm,Non-breaking plate,clamshell,Under contact,single row,SMD	1	CN1	No
2	Chip ordinary	0201,0R,1/20W,J,SMD/RC0201JR-070RL/YAGEO/RC-	2	R2,R3	No
3	Earphone Socket	PJ-31062,D3.5,3 channels,With switch,Non-breaking plate,Horizontal,SMD	1	JP1	No
4	PCB circuit	8643C,V4.0,2014.04.10	1		No
					No
KEY Board 8736C V1.0 BOM					

1	Tact switch	SKRPABE010,Non self	3	K1,K2,K3	No
2	Horizontal FPC socket	4P,0.5mm,Non-breaking plate,clamshell,Under contact,single row,SMD/FH19C-4S-0.5SH/HRS	1	CN1	No
3	PCB circuit	8736C,V1.0,2013.11.27	1		No
Main Board 8736C V1.0 BOM					
1	Metal Shield	SMBD1024-PT02,Main Shield(DDR3 2G),0.2mm	1		No
2	Thermal silica	HCCP300,L15*W15*T0.35	1	Paste on U1	No
3	Electret MIC	OB40203-403G-XQ2C01-00-0,D4*H2.0,Cable 70mm	1	Weld on MIC1	No
4	Chip ordinary resistors	0201,0R,1/20W,J,SMD/RC0201JR-070RL/YAGEO/RC-01W000JT	13	R72,R110,R304,R68,R69,R70,R71,R199,R200,R203,R208,R220,R219	No
5	Chip ordinary	0201,4.7R,1/20W,J,SMD	1	R212	No
6	Chip ordinary	0201,10R,1/20W,J,SMD	4	R126,R127,R164,R180	No
7	Chip ordinary	0201,22R,1/20W,J,SMD	10	R41,R83,R90,R118,R162,R249,R193,R195	No
8	Chip ordinary resistors	0201,100R,1/20W,J,SMD	16	R47,R97,R111,R121,R122,R123,R124,R125,R279,R284,R223,R224,R225,R226,R227	No
9	Chip ordinary resistors	0201,240R,1/20W,F,SMD/RC0201FR-07240RL/YAGEO/RC-01W241FT	5	R44,R117,R141,R145,R261	No
10	Chip ordinary	0201,1K,1/20W,J,SMD/RC0201JR-0701KL/YAGEO	3	R32,R214,R170	No
11	Chip ordinary	0201,1.5K,1/20W,J,SMD/RC0201JR-071K5L/YAGEO/RC-	10	R73,R74,R75,R76,R77,R78,R79,R80,R182,	No
12	Chip ordinary	0201,2K,1/20W,F,SMD/RC0201FR-072KL/YAGEO	4	R211,R171,R175,R177	No
13	Chip ordinary	0201,2.2K,1/20W,J,SMD	4	R98,R112,R114,R197	No
14	Chip ordinary	0201,4.02K,1/20W,F,SMD	1	R908	No
15	Chip ordinary	0201,4.7K,1/20W,J,SMD/RC0201JR-074K7L/YAGEO/RC-	4	R39,R59,R172,R174	No
16	Chip ordinary	0201,6.8K,1/20W,J,SMD	1	R901	No
17	Chip ordinary	0201,10K,1/20W,F,SMD	9	R48,R49,R50,R51,R210,R54,R163,R168,R	No

18	Chip ordinary resistors	0201,10K,1/20W,J,SMD/RC0201JR-0710KL/YAGEO	16	R30,R95,R106,R113,R148,R149,R152,R159,R218,R221,R222,R313,R191,R132,R133	No
19	Chip ordinary	0201,20K,1/20W,J,SMD	1	R29	No
20	Chip ordinary	0201,47K,1/20W,J,SMD/RC0201JR-0747KL/YAGEO/RC-	6	R108,R89,R263,R35,R31,R82	No
21	Chip ordinary	0201,100K,1/20W,J,SMD/RC0201JR-07100KL/YAGEO	11	R216,R99,R105,R129,R139,R246,R37,R23	No
22	Chip ordinary	0201,120K,1/20W,F,SMD	2	R136,R128	No
23	Chip ordinary	0201,200K,1/20W,F,SMD	1	R120	No
24	Chip ordinary	0201,220K,1/20W,F,SMD	1	R109	No
25	Chip ordinary	0201,1M,1/20W,J,SMD/RC0201JR-071ML/YAGEO/RC-	4	R40,R96,R217,R147	No
26	Chip ordinary resistors	0402,0R,1/16W,J,SMD/RC0402JR-070RL/YAGEO/CR0402J0000T/RC-02000JT	12	R28,R81,R84,R85,R87,R91,R93,R176,C300,R2,R3,R915	No
27	Chip ordinary	0402,47R,1/16W,J,SMD	2	R100,R101	No
28	Chip ordinary resistors	0402,100R,1/16W,J,SMD/RC0402JR-07100RL/YAGEO/CR0402J0101T/RC-02W1000JT	3	R138,R143,R144	No
29	Chip ordinary	0402,200R,1/16W,F,SMD	2	R23,R25	No
30	Chip ordinary	0402,240R,1/16W,F,SMD	1	R26	No
31	Chip ordinary	0402,1K,1/16W,J,SMD/RC0402JR-071KL/YAGEO	2	R102,R103	No
32	Chip ordinary	0402,4.02K,1/16W,F,SMD	1	R119	No
33	Chip ordinary	0402,4.99K,1/16W,F,SMD	1	R150	No
34	Chip ordinary	0402,10K,1/16W,F,SMD	1	R27	No
35	Chip ordinary	0402,12K,1/16W,F,SMD	1	R131	No
36	Chip ordinary	0402,18K,1/16W,F,SMD	1	R36	No
37	Chip ordinary	0402,20K,1/16W,F,SMD	1	R153	No
38	Chip ordinary	0402,21K,1/16W,F,SMD	1	R916	No
39	Chip ordinary	0402,47K,1/16W,J,SMD/RC0402JR-0747KL/YAGEO	1	R38	No
40	Chip ordinary	0402,100K,1/16W,J,SMD/RC0402JR-07100KL/YAGEO	6	R86,R88,R92,R94,R903,R910	No
41	Chip ordinary	0402,105K,1/16W,F,SMD	1	R151	No

42	Chip ordinary	0402,267K,1/16W,F,SMD	1	R913	No
43	Chip ordinary	0402,332K,1/16W,F,SMD	1	R146	No
44	Chip ordinary	0603,4.7R,1/10W,J,SMD	1	R192	No
45	Chip ordinary	0603,1K,1/10W,J,SMD	1	R909	No
46	Chip ordinary	0603,2K,1/10W,J,SMD	1	R902	No
47	Chip ordinary	0805,3.3R,1/8W,F,SMD	2	R160,R161	No
48	Chip ordinary	1206,0.01R,1/4W,F,SMD	1	R187	No
49	SMD ceramic capacitors	0201,6.8pF,50V,COG,0.3mm,C,SMD	12	C198,C204,C205,C265,C266,C250,C283,C225,C108,C109,C107,C106	No
50	SMD ceramic	0201,15pF,25V,COG,0.3mm,J,SMD	1	C110	No
51	SMD ceramic	0201,18pF,25V,COG,0.3mm,J,SMD	2	C57,C58	No
52	SMD ceramic	0201,22pF,25V,COG,0.3mm,J,SMD	3	C292,C293,C217	No
53	SMD ceramic	0201,100PF,25V,COG,0.3mm,J,SMD	3	C156,C173,C190	No
54	SMD ceramic	0201,150pF,25V,0.3mm,K,SMD	2	C232,C330	No
55	SMD ceramic capacitors	0201,330pF,25V,X7R,0.3mm,K,SMD/CC0201KRX7R8BB331/YAGEO/CT41-0201X331K250NT/HOLDER	3	C202,C228,C229	No
56	SMD ceramic	0201,680PF,25V,X7R,0.3mm,K,SMD	1	C234	No
57	SMD ceramic capacitors	0201,102,25V,X5R,0.3mm,K,SMD	23	C56,C83,C84,C85,C86,C87,C157,C158,C176,C177,C183,C184,C185,C186,C192,C201,C220,C280,C281,C284,C285,C287,C2	No
58	SMD ceramic	0201,103,10V,X7R,0.3mm,K,SMD	2	C350,C89	No
59	SMD ceramic	0201,473,6.3V,X5R,0.3mm,K,SMD	1	C382	No

60	SMD ceramic capacitors	0201,104,6.3V,X5R,0.3mm(Max.),K,SMD	104	C70,C73,C247,C309,C101,C103,C132,C133,C144,C146,C302,C49,C187,C209,C216,C111,C121,C124,C135,C161,C69,C77,C169,C206,C257,C341,C94,C145,C53,C61,C82,C164,C194,C208,C214,C356,C139,C142,C148,C72,C75,C78,C79,C166,C174,C203,C212,C248,C339,C345,C104,C125,C126,C127,C130,C134,C88,C51,C54,C71,C191,C196,C197,C200,C207,C354,C98,C100,C120,C122,C138,C149,C52,C62,C163,C181,C246,C289,C95,C123,C131,C137,C	No
61	SMD ceramic capacitors	0201,474,6.3V,X5R,0.3mm,M,SMD/CC0201MRX5R5BB474/YAGEO/C0603X5R0J474MT00NE/TDK/JMK063BJ474	1	C357	No
62	SMD ceramic	0402,12pF,50V,NPO,NA,J,SMD	1	C353	No
63	SMD ceramic	0402,473,10V,X7R,NA,K,SMD	1	C347	No
64	SMD ceramic	0402,103,25V,X7R,0.5mm,K,SMD	1	C385	No
65	SMD ceramic	0402,223,16V,X7R,0.5mm,K,SMD	4	C154,C159,C172,C175	No
66	SMD ceramic capacitors	0402,223,25V,X7R,0.55mm(Max.),K,SMD	4	C154,C159,C172,C175	Yes
67	SMD ceramic capacitors	0402,104,16V,X7R,0.55mm(Max.),K,SMD/CC0402KRX7R7BB104/YAGEO	11	C151,C231,C254,C901,C902,C912,C915,C916,C917,C920,C924	No
68	SMD ceramic	0402,104,25V,X5R,0.55mm,K,SMD	2	C256,C926	No
69	SMD ceramic capacitors	0402,1uF,10V,X5R,0.5mm,K,SMD/CC0402KRX5R6BB105/YAGEO	24	C59,C67,C76,C195,C238,C327,C348,C97,C298,C68,C96,C241,C93,C235,C249,C34	No
70	SMD ceramic capacitors	0402,2.2uF,6.3V,X5R,0.5mm,M,SMD/CC0402MRX5R5BB225/YAGEO	16	C150,C152,C165,C170,C171,C193,C236,C296,C352,C359,C362,C364,C366,C368,C370,C371	No
71	SMD ceramic capacitors	0402,4.7uF,6.3V,X5R,0.65mm,C,SMD	27	C66,C91,C114,C128,C129,C140,C141,C153,C155,C162,C199,C210,C213,C346,C377,C379,C380,C252,C258,C267,C269,C307,C384,C378,C222,C914,C221	No
72	SMD ceramic	0603,104,50V,X7R,NA,K,SMD	2	C904,C907	No

73	SMD ceramic	0603,4.7uF,16V,X7R,NA,K,SMD	2	C160,C178	No
74	SMD ceramic capacitors	0603,10uF,6.3V,X5R,NA,M,SMD	23	C237,C342,C351,C167,C376,C211,C338,C340,C363,C65,C90,C168,C343,C355,C233,C240,C367,C373,C381,C301,C218,C923,C261	No
75	SMD ceramic	0603,22uF,6.3V,X5R,0.8mm,M,SMD/CC0603MRX5R5BB	4	C360,C365,C369,C375	No
76	SMD ceramic	0805,4.7uF,25V,X7R,1.25mm(Max.),M,SMD	3	C243,C242,C903	No
77	SMD ceramic	0805,10uF,10V,Y5V,1.25mm(Max.),Z,SMD	1	C349	No
78	SMD ceramic	0805,10uF,16V,X7R,1.25mm(Max.),K,SMD	3	C919,C925,C955	No
79	SMD ceramic	0805,47UF,6.3V,X5R,NR,M,SMD	2	C180,C182	No
80	Potentiometer	EVM2NSX80B13,1K,L2.81*W2.2*H0.81,SMD	1	VR901	No
81	PB Bead	PBY100505T-300Y-N,0402,30R,1.7A,SMD	6	FB1,FB3,FB4,FB5,R181,R190	No
82	Ordinary beads	0402,120R,500mA,SMD	1	R52	No
83	Array beads	0402,120R(100MHz),100mA,SMD	1	RN1	No
84	Varistor SMD	ES0402V014BT-MP,0402,0.25pF,14V,SMD	3	RV1,RV2,RV3	No
85	Shield block	ICSRC5210SFR,L5.2*W1.0*H1.3,SMD	6	H1,H2,H3,H4,H6,H7	No
86	Crystal Oscillator	HSX321S,24.000MHz,-	1	Y1	No
87	Crystal Oscillator	FC-135,32.768KHz,-	1	Y4	No
88	Crystal Oscillator	SC-32S,32.768KHZ,-20PPM~+20PPM,2P,L3.2*W1.5*H0.75,SMD/SII	1	Y4	Yes
89	Inductor	LVS252010-2R2M-N,L2.5*W2.0*H1.0,2.2uH,-20%~+20%,1.62A,SMD	1	L13	No
90	Inductor	PMLT25201B-2R2MS,L2.0*W2.5*H1.2,2.2uH,-20%~+20%,1.83A,SMD,/PMLT25201B-2R2MS/CYNTEC	1	L13	Yes
91	Inductor	LVS303015-2R2M-N,L3*W3*H1.5,2.2uH,-	2	L9,L11	No
92	Inductor	HPC3015F-2R2M,L3*W3*H1.5,2.2uH,-20%~+20%,1.5A,SMD	2	L9,L11	Yes
93	Inductor	LVS404018-2R2M-N,L4*W4*H1.8,2.2uH,-	3	L12,L10,L8	No
94	Inductor	SPH4018H2R2MT,L4*W4*H1.8,2.2uH,-20%~+20%,2.2A,SMD,Sunlord	3	L12,L10,L8	Yes
95	Inductor	LVS404018-100M-N,L4*W4*H1.8,10uH,-	1	L15	No
96	Inductor	HPC4018B-100M,L4*W4*H1.8,10uH,-20%~+20%,1.2A,SMD	1	L15	Yes

97	Inductor	VLS4012ET-100M,L4*W4*H1.2,10uH,-	1	L901	No
98	Inductor	NR 4018T 100M,L4*W4*H1.8,10uH,-20%~+20%,1.2A,SMD,/TAIYO	1	L901	Yes
99	High-frequency common-mode	DLP0NSN900HL2L,90R@100MHz,SMD	1	L7	No
100	Switching diode	1N4148WS,75V,300mA,SOD-323,SMD	1	D5	No
101	Schottky diode	1N5819HW,40V,1A,SOD-123,SMD	3	D9,D10,D906	No
102	Double diode	BAT54C,30V,0.2A,SOT-23,SMD	1	D4	No
103	Zener Diode	KDZGTR7.5B,7.5V,-5%~+5%,40mA,SOD-123,SMD	1	D905	No
104	Zener Diode	MMSZ5251B,22V,-5%~+5%,5.6mA,SOD123,SMD	1	D902	No
105	Double Schottky	LBAT54SLT1G,30V,200mA,AK,SOT-23,SMD/LRC	3	D901,D903,D904	No
106	Double Schottky diode	LBAT54SLT1G,30V,200mA,AK,SOT-23,SMD/LRC	3	D901,D903,D904	Yes
107	NPN Triode	KTC8050,SOT-23,SMD	1	Q3	No
108	N-MOS	2SK3541,100mA,30V,VMT3,SMD	4	MQ6,MQ3,MQ17,MQ10	No
109	N-MOS	LSK3541FS8,100mA,30V,VMT3,SMD/ROHM	4	MQ6,MQ3,MQ17,MQ10	Yes
110	P-MOS	DMP2215L,-2.7A,-4.5V,SOT-23,SMD	1	MQ9	No
111	P-MOS	VIC1127,4A,20V,SOT23,SMD	1	MQ12	No
112	P-MOS	SSM3J328R,6A,20V,SOT23,SMD	1	MQ12	Yes
113	Reset IC	BL8506-33NRM,SOT-23-3,SMD	1	U32	No
114	Reset IC	ME083A263M3,SOT-23-3,SMD	1	U35	No
115	CPU IC	RK3188,RK3188,BGA453,SMD	1	U1	No
116	DDR3 SDRAM	H5TQ2G83EFR-PBC,FBGA78,SMD	4	U2,U3,U4,U5	No
117	MLC NAND	TC58TEG6DCJTA00,TSOP48,SMD	1	U10	No
118	Power amplifier	AW8736FCR,FC-16,SMD	2	U11,U13	No
119	Audio Codec IC	RK616,BGA144,SMD/Rockchip	1	U12	No
120	Audio switch IC	SGM3157YC6,SC70-6,SMD	1	U14	No
121	LDO IC	PT5110E23C-25,SOT23-3,SMD/PowTech	1	U15	No
122	DC-DC IC	SY8088AAC,SOT-23-5,SMD	1	U16	No

123	DC-DC IC	RT4533,TSOT-23-6,SMD	1	U18	No
124	DC-DC IC	SGM3110-5.0YN6/TR,SOT-23-6,SMD	1	U26	No
125	DC-DC IC	SY7208CABC,SOT-23-6,SMD/Silergy	1	U901	No
126	Clock IC	HYM8563S,MSOP8,SMD	1	U34	No
127	PMU IC	ACT8846QM468-T,QFN48,SMD/ACTIVE	1	U33	No
128	Acceleration	LIS3DE,LGA-16,SMD/ST	1	U21	No
129	Coulometer IC	BQ27410DRZR-G1,SON12,SMD	1	U103	No
130	Charge IC	BQ24196RGER,QFN24,SMD	1	U31	No
131	WIFI&BT Module	MLK047B-8723BS,IEEE802.11b/g/n,Bluetooth 4.0,SDIO/PCM/UART,L12*W12*H0.8	1	U24	No
132	Micro USB	DX4R005JJE,Non-breaking plate,SMD/JAE	1	JP1	No
133	Conventional	MH1.25-5A,single row,Horizontal,SMD	1	CN15	No
134	Conventional	SUR0.8-4A,single row,Horizontal,SMD	1	CN3	No
135	Conventional	SUR0.8-2A,single row,Horizontal,SMD	1	CN7	No
136	Horizontal FPC socket	40P,0.5mm,Non-breaking plate,clamshell,Under contact,single row,SMD	1	CN16	No
137	Horizontal FPC socket	24P,0.5mm,Non-breaking plate,clamshell,Under contact,single row,SMD	1	CN6	No
138	Horizontal FPC socket	20P,0.5mm,Non-breaking plate,clamshell,Under contact,single row,SMD	1	CN8	No
139	Horizontal FPC socket	16P,0.5mm,Non-breaking plate,clamshell,Under contact,single row,SMD	1	CN11	No
140	Horizontal FPC socket	8P,0.5mm,Non-breaking plate,clamshell,Under contact,single row,SMD	1	CN10	No
141	Horizontal FPC socket	6P,0.5mm,Non-breaking plate,clamshell,Under contact,single row,SMD	1	CN4	No

142	Horizontal FPC socket	4P,0.5mm,Non-breaking plate,clamshell,Under contact,single row,SMD	1	CN9	No
143	Concentric	C168-JL-1663,MHF3,Without switch,Vertical,SMD	1	ANT1	No
144	Concentric socket	C89P104-01001AH,I-PEX3,Without switch,Vertical,SMD	1	ANT1	Yes
145	PCB circuit	8785C,V3.0,2014.08.25	1		No