

BOM

NO.	Model No.	Description	Model	PCS	Location
001	1.17.2.T6580AWM	MCU,Quad-core ARM Cortex-A7,1.3GHz,TFBGA520,10.2*11*1.1mm,0.4mm Pitch,MT6580A/WM,MTK	MT6580A/WM	1	U100
002	1.17.2.MT635001	Smart phone baseband power management IC,VFBGA145,5.8*5.8*1mm,MT6350V/A,MTK	MT6350V/A	1	U150
003	1.17.2.NL2AV100	8GB eMMC+512MB LPDDR2 SDRAM , eMMC : 2.8V/1.8V , LPDDR2 : 1.8V/1.2V , FBGA162 , 11.5*13*1.0mm,08EMCP04_NL2AV100,Kingston	08EMCP04_NL2AV100	1	U300
005	1.17.2.AP660800	Quad-Band GSM RF PA and switch for GSM and WCDMA,include 2 GSM RX and TX ports、 4 WCDMA ports,5.5*5.3*0.89mm,28pin,AP6608	AP6608	1	U400
006	1.17.2.AP712500	WCDMA,3*4.2*1.0mm,14PIN,AP7125	AP7125	1	U402
007	1.17.2.AP7104A0	3G PA,for WCDMA Band4,3.0*3.0*1.0mm,LGA10,AP7101A	AP7101A	1	U405
008	1.17.2.O5662ST6	Step-up DC/DC white LEDs driver,SOT23-6,DIO5662ST6,DIOO	DIO5662ST6	1	U351
009	1.17.2.DA213R00	Digital 3-axis accelerometers,2*2mm,DA213-R,MiraMEMS	DA213-R	1	U780
010	1.36.1.BGA725L6	ICS PA GPS LNA TSLP-6-2 0.7*1.1*0.375,BGA725L6,Infineon	BGA725L6	1	U601
013	1.36.1.2012090B	RFBLN2012090BM6T16,900M&1800 2in1,WALSIN	RFBLN2012090BM6T16	1	F400
014	1.36.1.L0820TLF	BD2012-20L0820T/LF,900M&1800,,ACX	BD2012-20L0820T/LF	1	
015	1.36.1.D6PE1G96	SAW DPX for UMTS Band2 2016mm,D6PE1G960P3BP-Z	D6PE1G960P3BP-Z	1	F402
017	1.36.1.G50UZ502	SAW DPX for UMTS Band1 , 2016 , SFXG50UZ502,WISOL	SFXG50UZ502	1	F403
018	1.36.1.836UZ102	SAW DPX for UMTS Band5,2016,SFX836UZ102,WISOL	SFX836UZ102	1	F401
019	1.36.1.16080600	RFDIP1608060TM7T62,1608,Walsin	RFDIP1608060TM7T62	1	F600
020	1.36.1.M1524P69	SAW filter for WIFI/GSP,2.4G/1.57G,1608 , MDPX18M1524P69-D03,Microgate	MDPX18M1524P69-D03	1	
021	1.36.1.SAFFB1G5	FIL SAW 1575.42MHz,1.1*0.9*0.5mm,SAFFB1G56KB0F0A,MURATA	SAFFB1G56KB0F0A	1	F601
023	1.27.1.7V260028	26MHz,7.4pF,3225,7V26000028,TXC	7V26000028	1	X400
024	1.27.1.26002009	TCXO,26MHz,1.8V,10pF,±0.5ppm,2520,7L26002009,TXC	7L26002009	1	X100
028	1.13.1.PT236T30	PNP Transistor,PT236T30E2,PRISEMI	PT236T30E2	1	Q100
029	1.14.3.723T7031	N-Channel MOSFET,PNM723T703E0-2,PRISEMI	PNM723T703E0-2	1	Q101
031	1.09.1.D3D40V1H	Shottky barrier diode,40V,1A,PSBD3D40V1H,Prisemi	PSBD3D40V1H	1	D350

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033	1.10.1.4V200002	SMD Zener Diode,5.1V,SOD-523,PZ5D4V2H,Prisemi	PZ5D4V2H	1	D100
034	1.09.1.C2FD5VBS	TVS,bi-direction,5V,15pF,0402,PESDNC2FD5VBS,Prisemi	PESDNC2FD5VBS	5	T244,T800,T801,T802,T803
036	1.11.0.52100UWC	LED,HQ45-2100UWC	HQ45-2100UWC	1	D372
038	1.04.A.0R5A0601N	0.5pF,±0.1pF,C0G,50V,0201,C0201C0G0R5B500NTA,Eyang	C0201C0G0R5B500NTA	3	C402,C435,C410
042	1.04.A.010A0601N	1.0pF,±0.1pF,C0G,50V,0201,C0201C0G1R0B500NTA,Eyang	C0201C0G1R0B500NTA	2	C605,C604
046	1.04.A.1R2A0401N	1.2pF,±0.1pF,G0G,25V,0201,C0201C0G1R2B250NTA,Eyang	C0201C0G1R2B250NTA	1	C454
050	1.04.A.3R6A0601N	3.6pF,±0.1pF,C0G,50V,0201,C0201C0G3R6B500NTA,Eyang	C0201C0G3R6B500NTA	2	C445,C447
054	1.04.A.5R6B0601N	5.6pF,±0.25pF,C0G,50V,0201,C0201C0G5R6C500NTA,Eyang	C0201C0G5R6C500NTA	2	C455,C457
058	1.04.A.8R2A0601N	8.2pF,±0.1pF,C0G,50V,0201,C0201C0G8R2B500NTA,Eyang	C0201C0G8R2B500NTA	1	L415
062	1.04.A.180J0601N	18pF,±5%,50V,C0G,0201,C0201C0G180J500NTA,Eyang	C0201C0G180J500NTA	4	C411,C448,C603,R432
066	1.04.A.220J0401N	22pF,±5%,C0G,25V,0201,C0201C0G220J250NTA,Eyang	C0201C0G220J250NTA	4	C420,C421,C427,C428
070	1.04.A.330J0601N	33pF,±5%,C0G,50V,0201,C0201C0G330J500NTA,Eyang	C0201C0G330J500NTA	14	C208,C210,C221,C222,C233,C234,C242,C243,C253,C255,C423,C617,C618,L421
074	1.04.A.560J0601N	56pF,±5%,C0G,50V,0201,C0201C0G560J500NTA,Eyang	C0201C0G560J500NTA	2	C419,C437
078	1.04.A.101K0401N	100pF,±10%,C0G,25V,0201,C0201C0G101K250NTA,Eyang	C0201C0G101K250NTA	10	C104,C105,C120,C123,C175,C209,C220,C232,C254,C433
082	1.04.A.221J0601N1	220pF,±5%,X5R,50V,0201,C0201X5R221J500NTA,Eyang	C0201X5R221J500NTA	1	C429
086	1.04.A.152M0401N	1.5nF,±20%,X7R,25V,0201,C0201X7R152M250NTA,Eyang	C0201X7R152M250NTA	2	C431,C461
090	1.04.A.104K0101X	100nF,±10%,X5R,6.3V,0201,CL03A104KQ3NNNC,SamSung	CL03A104KQ3NNNC	35	C103,C109,C113,C114,C116,C117,C119,C121,C129,C130,C131,C132,C133,C138,C139,C140,C141,C142,C144,C163,C168,C230,C231,C250,C251,C302,C304,C305,C306,C307,C312,C424,C449,C780,C781
093	1.04.A.224M0101X	220nF,±20%,X5R,6.3V,0201,CL03A224MQ3NNNH,SamSung	CL03A224MQ3NNNH	4	C107,C108,C112,C310

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096	1.04.A.474M0101X	470nF,±20%,X5R,6.3V,0201,CL03A474MQ3NNNH,SamSung	CL03A474MQ3NNNH	4	C412,C413,C416,C417
099	1.04.A.105M0101X	1uF,±20%,X5R,6.3V,0201,CL03A105MQ3CSNC,SamSung	CL03A105MQ3CSNC	36	C100,C110,C111,C115,C124,C128,C134,C145,C146,C148,C151,C154,C155,C157,C158,C159,C160,C164,C166,C303,C330,C372,C373,C380,C390,C414,C425,C620,C379,C189,C176,C177,C392,C393,C600,C340
104	1.04.A.105K0102X	1uF,±10%,X5R,6.3V,0402,CL05A105KQ5NNNC,SamSung	CL05A105KQ5NNNC	7	C370,C371,C374,C434,C452,C460,C462
107	1.04.A.105K0203X	1uF,±10%,X5R,10V,0603,CL10A105KP8NNNC,SamSung	CL10A105KP8NNNC	1	C118
110	1.04.A.105K0603X	1uF,±10%,X5R,50V,0603,CL10A105KB8NNNC,SamSung	CL10A105KB8NNNC	1	C353
112	1.04.A.225M0102X 1	2.2uF,±20%,X5R,6.3V,0402,CL05A225MQ5NNNC,SamSung	CL05A225MQ5NNNC	4	C122,C143,C300,C190
115	1.04.A.475M0102X	4.7uF,±20%,X5R,6.3V,0402,CL05A475MQ5NRNC,SamSung	CL05A475MQ5NRNC	8	C125,C135,C235,C252,C308,C309,C352,C375
118	1.04.A.106M0102X 2	10uF,±20%,X5R,6.3V,0402,CL05A106MQ5NUNC,SamSung	CL05A106MQ5NUNC	2	C240,C241
121	1.04.A.106M0103X	10uF,±20%,X5R,6.3V,0603,CL10A106MQ8NNNC,SamSung	CL10A106MQ8NNNC	7	C147,C149,C150,C152,C153,C426,BAT100
124	1.04.A.226M0103X 1	22uF,±20%,X5R,6.3V,0603,CL10A226MQ8NRNC,SamSung	CL10A226MQ8NRNC	3	C127,C156,C161
127	1.01.7.1003F002	NTC Thermistor,100K,±1%,0402,NTCG104EF104F,TDK	NTCG104EF104F	1	NTC100
128	1.01.6.0000J171Y	0Ω,±5%,1/20W,0201,RC0201JR-070RL,Yageo	RC0201JR-070RL	28	R137,R232,R247,R305,R309,R311,R356,R600,R602,C102,C438,L402,R781,R609,R610,R611,R612,R390,R391,R392,R393,R394,R395,R396,R400,R429,R431,R442
131	1.01.6.0000J012Y	0Ω,±5%,1/16W,0402,RC0402JR-070RL,Yageo	RC0402JR-070RL	9	R203,R204,B212,B213,R381,R382,R246,L400,NTC400
134	1.01.6.0000J023Y	0Ω,±5%,1/10W,0603,RC0603JR-070RL,Yageo	RC0603JR-070RL	2	R121,R122
137	1.01.6.00R2F055Y	0.2Ω,±1%,1/4W,0805,RL0805FR-7W0R2L,Yageo	RL0805FR-7W0R2L	1	R118
140	1.01.6.15R0F012Y	15Ω,±1%,1/16W,0402,RC0402FR-0715RL,Yageo	RC0402FR-0715RL	1	R350
143	1.01.6.26R1F171Y	26.1Ω,±1%,1/20W,0201,RC0201FR-0726R1L,Yageo	RC0201FR-0726R1L	2	R438,R439

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146	1.01.6.36R0F171Y	36Ω,±1%,1/20W,0201,RC0201FR-0736RL,Yageo	RC0201FR-0736RL	2	R111,R440
149	1.01.6.51R0J171Y	51Ω,±5%,1/20W,0201,RC0201JR-0751RL,Yageo	RC0201JR-0751RL	2	R425,R443
152	1.01.6.1000J171Y	100Ω,±5%,1/20W,0201,RC0201JR-07100RL,Yageo	RC0201JR-07100RL	2	R240,R241
155	1.01.6.2400J171Y	240Ω,±5%,1/20W,0201,RC0201JR-07240RL,Yageo	RC0201-JR-07240RL	2	R300,R301
158	1.01.6.4700J171Y	470Ω,±5%,1/20W,0201,RC0201JR-07470RL,Yageo	RC0201JR-07470RL	2	R242,R243
161	1.01.6.1001J171Y	1K,±5%,1/20W,0201,RC0201JR-071KL,Yageo	RC0201JR-071KL	12	R181,R120,R230,R250,R253,R418,R419,R420,R421,R360,R361,R362
164	1.01.6.1501J171Y	1.5K,±5%,1/20W,0201,RC0201JR-071K5L,Yageo	RC0201JR-071K5L	5	R112,R124,R231,R251,R252
167	1.01.6.2001J171Y	2K,±5%,1/20W,0201,RC0201JR-072KL,Yageo	RC0201JR-072KL	1	R409
170	1.01.6.3301J171Y	3.3K,±5%,1/20W,0201,RC0201JR-073K3L,Yageo	RC0201JR-073K3L	1	R117
173	1.01.6.4701J171Y	4.7K,±5%,1/20W,0201,RC0201JR-074K7L,Yageo	RC0201JR-074K7L	6	R103,R104,R105,R106,R107,R108
176	1.01.6.5101J171Y	5.1K,±5%,1/20W,0201,RC0201JR-075K1L,Yageo	RC0201JR-075K1L	1	R102
179	1.01.6.8201J171Y	8.2K,±5%,1/20W,0201,RC0201JR-078K2L,Yageo	RC0201JR-078K2L	2	R307,R312
182	1.01.6.1002J171Y	10K,±5%,1/20W,0201,RC0201JR-0710KL,Yageo	RC0201JR-0710KL	1	R423
185	1.01.6.1692F171Y	16.9K,±1%,1/20W,0201,RC0201FR-071692L,Yageo	RC0201FR-071692L	1	R180
188	1.01.6.2402J171Y	24K,±5%,1/20W,0201,RC0201JR-0724KL,Yageo	RC0201JR-0724KL	1	R422
191	1.01.6.2702F171Y	27K,±1%,1/20W,0201,RC0201FR-0727KL,Yageo	RC0201FR-0727KL	1	R182
194	1.01.6.3902J171Y	39K,±5%,1/20W,0201,RC0201JR-0739KL,Yageo	RC0201JR-0739KL	1	R116
197	1.01.6.4702J171Y	47K,±5%,1/20W,0201,RC0201JR-0747KL,Yageo	RC0201JR-0747KL	1	R244
200	1.01.6.3303F171Y	330K,±1%,1/20W,0201,RC0201FR-07330KL,Yageo	RC0201FR-07330KL	1	R115
203	1.01.6.3903F171Y	390K,±1%,1/20W,0201,RC0201FR-07390KL,Yageo	RC0201FR-07390KL	1	R100
206	1.01.6.4703J171Y	470K,±5%,1/20W,0201,RC0201JR-07470KL,Yageo	RC0201JR-07470KL	1	R245
209	1.06.2.00750200C	FB,75Ω,0402,MGGB1005M750HT-LF,Microgate	MGGB1005M750HT-LF	2	B220,B221
211	1.06.2.01801201C	FB,1800Ω,0402,MGGB1005M182HT-LF,Microgate	MGGB1005M182HT-LF	3	B241,B240,B243
213	1.05.3.152C0A01E	1.5nH,±0.3nH,0201,MGCI0603H1N5ST-LF,Microgate	MGCI0603H1N5ST-LF	7	L417,L418,L427,L414,L435,L409,L410
214	1.05.3.202C0A01E	2nH,±0.3nH,0201,MGCI0603H2N0ST-LF,Microgate	MGCI0603H2N0ST-LF	2	C430,L432
215	1.05.3.222C0A01E	2.2nH,±0.3nH,0201,MGCI0603H2N2ST-LF,Microgate	MGCI0603H2N2ST-LF	2	C403,L429
216	1.05.3.272C0A01E	2.7nH,±0.3nH,0201,MGCI0603H2N7ST-LF,Microgate	MGCI0603H2N7ST-LF	1	L411
217	1.05.3.332C0A01E	3.3nH,±0.3nH,0201,MGCI0603H3N3ST-LF,Microgate	MGCI0603H3N3ST-LF	2	L426,L600
218	1.05.3.392C0A01E	3.9nH,±0.3nH,0201,MGCI0603H3N9ST-LF,Microgate	MGCI0603H3N9ST-LF	1	L420
219	1.05.3.472C0A01E	4.7nH,±0.3nH,0201,MGCI0603H4N7ST-LF,Microgate	MGCI0603H4N7ST-LF	1	L403
220	1.05.3.562C0A01E	5.6nH,±0.3nH,0201,MGCI0603H5N6ST-LF,Microgate	MGCI0603H5N6ST-LF	2	L604,L433

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221	1.05.3.822C0A01E	Inductor 8.2nH ±0.3nH,190mA,0201,MGCI0603H8N2ST-LF,Microgate	MGCI0603H8N2ST-LF	1	L434
222	1.05.3.103J0A01E	10nH,±5%,0201,MGCI0603H10NJT-LF,Microgate	MGCI0603H10NJT-LF	3	L405,L406,C444
223	1.05.3.393J0A01E	39nH,±5%,0201,MGCI0603H39NJT-LF,Microgate	MGCI0603H39NJT-LF	2	L407,L419
224	1.05.3.104J0A02E	100nH,±5%,0402,MGCI1005TR10JT-LF,Microgate	MGCI1005TR10JT-LF	3	L241,B210,B211
225	1.05.3.104J0A02S	100nH,±5%,0402,SDCL1005CR10JTDF,Sunloard	SDCL1005CR10JTDF	3	
226	1.05.3.R68M3520E	Wire wound SMD power Inductor,2520-0.68uH ± 20%,1.2mm,3.5A,MPIH252012-R68M-LF,Microgate	MPIH252012-R68M-LF	2	L100,L101
228	1.05.3.2R2M0A202	IND POWER FER 2520(H=1.2mm) Rmax=0.08 lmax=1.9A 2.2uH,CMI-DOP252012NH-2R2M,CoilMaster	CMI-DOP252012NH-2R2M	1	L103
230	1.05.3.100M0A20E 1	Power Inductor,10uH,± 20%,DCR0.6,750mA,2520,H1.2,MPIT252012-100M-LF,Microgate	MPIT252012-100M-LF	1	L350
231	1.21.R.H4150607	SCH4150607	SCH4150607	2	J330,J340
232	1.21.G.1010815P	T FLASH CARDPIN,11.15*6.05*1.5,TFC-1010815PSW-RN02	TFC-1010815PSW-RN02	1	J390
233	1.21.S.R0315P25	3Pin,2.5pitch,W8.1*L6.0*H1.5,BAT-SPR0315P25-RN0A	BAT-SPR0315P25-RN0A	1	J180
234	1.21.L.14F03004	H0.8,OK-14F030-04	OK-14F030-04	1	J373
235	1.21.D.30225115	H=1.0mm,OK-F30225115	OK-F30225115	1	J375
236	1.21.D.50306125	CON ZIF 6pin,0.5pitch,5.4*3.3*1.0,OK-F50306125	OK-F50306125	1	J354
237	1.21.F.M9080500	7.5X5.852.5,UBM9080500	UBM9080500	1	J310
238	1.21.E.2P01R001	φ3.5mm 3.6H2.2H,PHO-3600522P01-R001	PHO-3600522P01-R001	1	J4
239	1.37.1.T0901002	3.5*1.0*0.9(T=0.08)0.9mm,0.65mm,0.45mm,AT-0901-002	AT-0901-002	5	ANT400,ANT401,ANT402,ANT600,ANT601
241	1.37.3.10030160	3*1.6*0.5HP-100301605P01-R001,	HP-100301605P01-R001	2	J210,J211
242	1.21.K.27955000	ims-2795.50Ω,C90-101-0004	C90-101-0004	1	J400