

Item	Name	Description	Units	Quantity	Reference No.	Supplier
1	Resistor	Resistor, 6.2K ohm, $\pm 5\%$, 1/16W, 0402,,	PCS	1	R201	
2	Resistor	Resistor, 33 ohm, $\pm 5\%$, 1/16W, 0402,,	PCS	5	R202 R203 R406 R709 R710	
3	Resistor	Resistor, 51K ohm, $\pm 5\%$, 1/16W, 0402,,	PCS	4	R603 R607 R808 R809	
4	Resistor	Resistor, 4.7K ohm, $\pm 5\%$, 1/16W, 0402,,	PCS	2	R911 R912	
5	Resistor	Resistor, 510 ohm, $\pm 5\%$, 1/16W, 0402,,	PCS	2	R408 R606	
6	Resistor	Resistor, 1.5K ohm, $\pm 1\%$, 1/16W, 0402,,	PCS	1	R208	
7	Resistor	Resistor, 8.2K ohm, $\pm 1\%$, 1/16W, 0402,, , ,	PCS	1	R609	
8	Resistor	Resistor, 0 ohm, $\pm 5\%$, 1/16W, 0402,,	PCS	20	R204 R200 R407 R504 R506 R610 R611 R703 R707 R708 R800 R801 R802 R902 R903 R904 R905 R906 R909 R910	
9	Resistor	Resistor, 1K ohm, $\pm 5\%$, 1/16W, 0402,,	PCS	5	R209 R601 R617 R711 R901	
10	Resistor	Resistor, 10K ohm, $\pm 5\%$, 1/16W, 0402,,	PCS	4	R206 R403 R525 R557	
11	Resistor	Resistor, 100K ohm, $\pm 5\%$, 1/16W, 0402,,	PCS	2	R207 R810	
12	Resistor	Resistor, 2K ohm, $\pm 1\%$, 1/16W, 0402,, ,	PCS	2	R500 R614	
13	Resistor	Resistor, 3.9K ohm, $\pm 5\%$, 1/16W, 0402,,	PCS	2	R605 R608	
14	Resistor	Resistor, 10 ohm, $\pm 1\%$, 1/16W, 0402,,	PCS	1	R700	
15	Resistor	Resistor, 100 ohm, $\pm 5\%$, 1/16W, 0402,,	PCS	2	R600 R604	
16	Capacitor	Capacitor, 2.2pF, ± 0.1 pF, 16V, COG, 0402, C0402C0G2R2B160NT, EYANG,	PCS	2	C404 C405	EYANG
17	Digital transistors	Digital transistors, NPN, SOT-523, , DTC114TE, JIANGSU CHANGJIANG,	PCS	1	Q400	JIANGSU CHANGJIANG
18	ESD protection diodes	ESD protection diodes, V _{rrm} =5V, SOD-523, UM5055, Union semiconductor,,	PCS	1	T300	Union semiconductor
19	Capacitor	Capacitor, 1uF, $\pm 10\%$, 10V, X5R, 0603, C0603X5R105K100NT, EYANG,	PCS	7	C205 C206 C207 C208 C301 C302 C708	EYANG
20	Capacitor	Capacitor, 1uF, $\pm 10\%$, 6.3V, X5R, 0402, C0402X5R105K6R3NT, EYANG,	PCS	5	C420 C423 C705 C706 C813	EYANG
21	Capacitor	Capacitor, 2.2uF, $\pm 10\%$, 10V, X5R, 0603, C0603X5R225K100NT, EYANG,	PCS	6	C304 C305 C307 C308 C309 C310	EYANG
22	Capacitor	Capacitor, 4.7uF, $\pm 10\%$, 6.3V, X5R, 0603, C0603X5R475K6R3NT, EYANG,	PCS	3	C607 C631 C907	EYANG
23	Capacitor	Capacitor, 10uF, $\pm 20\%$, 6.3V, X5R, 0805 (T=1.25mm) C0805X5R106M6R3NT, EYANG,	PCS	6	C210 C211 C303 C623 C624 C625	EYANG
24	Capacitor	Capacitor, 56pF, $\pm 5\%$, 50V, COG, 0402, C0402C0G560J500NT, EYANG,	PCS	1	C439	EYANG
25	Capacitor	Capacitor, 47pF, $\pm 5\%$, 50V, COG, 0402,,	PCS	15	C435 C436 C608 C614 C615 C616 C617 C618 C619 C620 C621 C622 C627 C632 C633	
26	Capacitor	Capacitor, 3.3pF, ± 0.25 pF, 50V, COG, 0402,,	PCS	4	C425 C426 C428 C429	

27	Capacitor	Capacitor, Capacitor, 100nF, \pm 10%, 10V, X5R, 0402, C0402X5R104K100NT, EYANG,	PCS	11	C200 C400 C413 C539 C600 C630 C709 C906 C908 C918 C919	EYANG
28	Capacitor	Capacitor, 1nF, \pm 10%, 50V, X7R, 0402, C0402X7R102K500NT, EYANG,	PCS	3	C202 C450 C912	EYANG
29	Capacitor	Capacitor, 100pF, \pm 5%, 50V, COG, 0402, C0402COG101J500NT, EYANG,	PCS	11	C406 C407 C409 C410 C411 C438 C601 C605 C609 C613 C911	EYANG
30	Capacitor	Capacitor, 22pF, \pm 5%, 50V, COG, 0402, C0402COG220J500NT, EYANG,	PCS	3	C203 C204 C440	EYANG
31	Capacitor	Capacitor, 680pF, \pm 10%, 50V, X7R, 0402, ,	PCS	2	C402 C403	
32	Capacitor	Capacitor, 27pF, \pm 5%, 50V, COG, 0402, ,	PCS	6	C408 C427 C430 C710 C810 C812	
33	Capacitor	Capacitor, 4.7pF, \pm 0.25pF, 50V, COG, 0402, ,	PCS	1	C418	
34	MOSFET	Single P-Channel MOSFET, -20V, SOT-323/SC-70, , WPM1480-3/TR, WillSemi,	PCS	1	Q800	WillSemi
35	Capacitor	Capacitor, 22nF, \pm 10%, 16V, X7R, 0402, CC0402KRX7R7BB223, YAGEO,	PCS	4	C602 C603 C604 C606	YAGEO
36	I/O connector	I/O connector, , 12pin, 0.5pitch, H=2.0mm, 10.9 \times 7.25 \times 2.65mm, DIP HEIGHT=0.6, IN0-212B204, DaWei,	PCS	1	J600	DaWei
36A	I/O connector	I/O connector, , 12pin, 0.5pitch, H=2.0mm, , W/O POST, UAF05-12204-1501, Linkconn,	PCS	1		Linkconn
36B	USB connector	USB connector, 10.9 \times 7.15 \times H2.0, 12pin, H0.8mm, 05-1221101, XinWeiTong	PCS	1		XinWeiTong
37	Capacitor	Capacitor, 10nF, \pm 10%, 25V, X7R, 0402, C0402X7R103K250NT, EYANG,	PCS	2	C201 C300	EYANG
38	Inductor	Inductor, 18nH, \pm 5%, 300mA, DCR=0.36ohm, 0402, , LQG15HS18NJ02D, MURATA,	PCS	1	L403	MURATA
39	Inductor	Inductor, 10nH, \pm 5%, DCR=0.42ohm, 300mA, 0402, , SDCL1005C10NJT(f), Sunlord, (MB COST DOWN)	PCS	1	L400	Sunlord
40	Inductor	Inductor, 2.2nH, \pm 0.3nH, DCR=0.16ohm, 400mA, 0402, , SDCL1005C2N2ST(f), Sunlord, (MB COST DOWN)	PCS	1	L404	Sunlord
41	Transceiver	IC, Dual-Band GSM/GPRS Transceiver, 6 \times 6 \times 0.85mm, 3V, QFN 40-Pin, QS518, Spreadtrum,	PCS	1	U404	Spreadtrum
42	Chip Ferrite Bead	Chip Ferrite Bead, 1000 ohm \pm 40%, 250mA, 0402, T0.5mm, BLM15HD102SN1D, Murata, ,	PCS	1	B604	MURATA
43	MOSFET	P-channel MOSFET with schottky diode, DFN 2 \times 2 \times 0.75mm, 20V (D-S), MC3117, MegaPower,	PCS	1	U700	MegaPower
43A	MOSFET	P-Channel, DFN 2 \times 2 \times 0.75mm, Vds=-20V; Id=-3A, AON2701, ALPHA&OMEGA,	PCS	1		ALPHA&OMEGA
44	Filter	EGSM900/DCS1800, Dual Band Rx SAW Filter, 942.5/1842.5MHz, 1.8 \times 1.4 \times H0.55mm, 10pin, , SFR942PY002, WISOL,	PCS	1	U405	WISOL

44A	Filter	EGSM900/DCS1800, Dual Band Rx SAW Filter, 942.5/1842.5MHz, 1.8×1.4×H0.65mm, 10pin, , EFCH9418TDL1, Panasonic,	PCS	1		Panasonic
44B	Filter	SAW filter, for GSM900/1800 Rx, 942.5MHz, 1.8×1.35×T0.5mm, , SAWEN942MCNOF00, MURATA,	PCS	1		MURATA
45	Schottky barrier Diodes	Schottky barrier Diodes, SOD-523, 30V/200mA, RB520S-30, JiangSuChangDian, (MB COST DOWN)	PCS	1	D600	JiangSuChangDian
45A	Schottky barrier Diodes	Schottky barrier, SOD-523, , RB520S30T1G, ON SEMI,	PCS	1		ON SEMI
46	Baseband Process	GSM/GPRS Baseband Process, LFBGA, 12×12 mm, 224-ball, 0.65 pitch, , SC6600L2-224G, SPREADTRUM,	PCS	1	U100	SPREADTRUM,
47	Flash Memory	AD-MUX Flash Memory, TFBGA52 6×4×1.2mm, 0.5pitch, , 32Mb NOR Flash, 16Mb, , M36WOR5040U6ZS, Numonyx,	PCS	1	U500	Numonyx
48		Single Chip for Bluetooth & FM Radio Tuner, 6×6mm, 40pin QFN, , , RDA5870E, RDA,	PCS	1	U901	RDA
49	Battery connector	Battery connector, , 3pin, 3.0pitch, 8.4×3.5×H6.2, , WKBAV006-D31, JTCONN,	PCS	1	J700	JTCONN
49A	Battery connector	Battery connector, , 3pin, 3.0pitch, H=6.2mm, , WITHOUT POST TYPE, PAN30-03623-1500, Linkconn,	PCS	1		Linkconn
50	T-flash connector	T-flash connector, , 8pin, 1.1pitch, H=1.93mm, , hing type, WKTFH010-S01, JTCONN PRECISION,	PCS	1	J804	JTCONN
50A	T-flash connector	T-Flash card connector, , 8pin, 1.1pitch, H=1.9, , hinge type, CAD-208K207, DAWEI,	PCS	1		DAWEI
50B	T-flash connector	T-flash connector, , 8pin, 1.1pitch, H=1.9mm, , (Hinge type) WITHOUT POST TYPE, CAH11-08193-SF03, Linkconn,	PCS	1		Linkconn
50C	T-flash connector	T-flash connector, , 8pin, 1.1pitch, H=1.85mm, , SG-TFS-0001, SinGeen,	PCS	1		SinGeen
51	Inductor	Inductor, 6.2nH, ±0.3nH, 300mA, DCR=0.22ohm, 0402, , LQG15HS6N2S02D, MURATA,	PCS	2	L405 L406	MURATA
52	PA Shielding	PA Shielding, , F100, 13.3×24.6×1.85mm, , JiuRUN,	PCS	1		JiuRUN,
52A	PA Shielding	PA Shielding, , F100, , 13.3*24.6*1.85mm, XUNYI, ,	PCS	1		XUNYI
53	Crystal	Quartz Crystal, 32.768KHz, 20ppm, 12.5pF, , , SSP-T7-F, SEIKO,	PCS	1	X200	SEIKO
53A	Crystal	Crystal, , 32.768KHz, ±20ppm, 12.5pF, , , MC-146 32.768K-AG0, SEIKO EPSON,	PCS	1		SEIKO
54	Crystal	Crystal, 26MHz, ±10ppm, 9.0pF, 3.2×2.5×T0.7mm, , 7M26000056, TXC,	PCS	1	X400	TXC
54A	Crystal	Crystal, 26MHz, ±10ppm, 7.4pF, 3.2×2.5×T0.6mm, , CX3225SB26000C4FZF06, KYOCERA KINSEKI,	PCS	1		KYOCERA KINSEKI
55	LED	LED, super blue, 1.6x0.8x0.4mm, , , 20mA, , BL-HB336G-TRB-6, BRIGHT,	PCS	4	D703 D704 D706 D707	BRIGHT
55A	LED	LED, Blue, 0.8×1.6×0.35mm, , , , LTST-C193TBKT-5A, LITEON,	PCS	4		LITEON

56	Capacitor	Capacitor, 1.5pF, ± 0.1 pF, 50V, COG, 0402, C0402COG1R5B500NT, EYANG,	PCS	2	C414 C415	EYANG
57	Resistor	Resistor, 0.36 ohm, $\pm 1\%$, 1/4W, 0805, WW08PR360FTL, WALSIN,	PCS	1	R701	WALSIN
58	Inductor	Inductor, 1.8nH, ± 0.3 nH, DCR=0.1ohm, 300mA, 0402, , SDCL1005C1N8STDF, Sunlord, ,	PCS	1	C431	Sunlord
59	Resistor	Resistor, 5.1K ohm, $\pm 1\%$, 1/16W, 0402, ,	PCS	1	R502	
60	Resistor	Resistor, 0 ohm, $\pm 5\%$, 1/10W, 0603, ,	PCS	3	B606 B607 B608	
61	Chip ferrite beads	Chip ferrite beads, 600ohm $\pm 25\%$, DCR=150mohm, 1000mA, 0603, UPZ1608E601, Sunlord, ,	PCS	1	B605	Sunlord
62	MOSFET	N-Channel MOSFET, SOT-23, , IT2306B, Infinitrue,	PCS	1	Q700	Infinitrue
62A	MOSFET	N-Channel MOSFET, SOT-23, , ASM2N7002ELT1-LF, Asemi,	PCS	1		Asemi
63	Front-end Module	Front-end Module, 28-pins LGA, 6 \times 6 \times 1.1mm, , RDA6231, RDA,	PCS	1	U402	RDA
64	SIM card connector	SIM card connector, , 6pin, 2.54pitch, H=1.8mm, , without post, SIM-206D226, DAWEI,	PCS	2	J802 J803	DAWEI
64A	SIM card connector	SIM card connector, , 6pin, 2.54pitch, H=1.8mm, , , SIM04-6K33210, SINGEEN,	PCS	2		SINGEEN
65	Main PCB	Main PCB, , F568, , V1.2, 4Layers, 92.1 \times 36 \times 1.0mm, HongBan,	PCS	1		HongBan,
66	Capacitor	Capacitor, 33nF, $\pm 10\%$, 10V, X7R, 0402, ,	PCS	2	C610 C611	
67	Audio Power Amplifier	2.4W, Class D Audio Power Amplifier, , 1.410 \times 1.410mm, 9-pin WLCSP, WAA2140, WILLSEMI, ,	PCS	1	U600	WILLSEMI
67A	Audio Power Amplifier	2.5W, Class D Audio Power Amplifier, , 1.46 \times 1.46mm, 9-pin WLCSP, A7013M, Apexone Microelectronics,	PCS	1		Apexone Microelectronics
68	Resistor	Resistor, 300 ohm, $\pm 5\%$, 1/16W, 0402, ,	PCS	2	B602 B603	
69	TVS	TVS, 60pF, , VRWM=7V, , WBFBP-02C (1.0 \times 0.6 \times 0.5), ESD9X7V, WILLSEMI, ,	PCS	2	T602 T604	WILLSEMI
70	Capacitor	Capacitor, 1pF, ± 0.25 pF, 50V, COG, 0402, C0402COG1R0C500NT, EYANG,	PCS	1	C914	EYANG
71	Inductor	Inductor, 2.4nH, ± 0.3 nH, 300mA, DCR=0.15ohm, 0402, , LQG15HS2N4S02D, MURATA,	PCS	1	L901	MURATA