

Parts list (Model:CR108)

No.	Description	Qty.	Placement
1	RES-0 Ω , $\pm 5\%$, 1/16W-0402	15	R100 R101 R110 R164 R165 R190 R250 R300 R345 R346 R355 R358 R530 R681 R682
2	RES-0 Ω , $\pm 5\%$, 1/16W-0603	2	B621 B622
3	RES-0.22 Ω , $\pm 1\%$, 1/8W-0805	1	R356
4	RES-5.1 Ω , $\pm 5\%$, 1/16W-0402	2	R546 R578
5	RES-6.8 Ω , $\pm 5\%$, 1/10W-0603	1	R305
6	RES-10 Ω , $\pm 5\%$, 1/16W-0402	2	R661 R701
7	RES-100 Ω , $\pm 5\%$, 1/16W-0402	2	R610 R611
8	RES-510 Ω , $\pm 5\%$, 1/16W-0402	2	R560 R579
9	RES-1K, $\pm 5\%$, 1/16W-0402	7	R121 R601 R603 R605 R607 R630 R675
10	RES-1.5K, $\pm 5\%$, 1/16W-0402	4	R326 R602 R604 R606
11	RES-4.7K, $\pm 5\%$, 1/16W-0402	2	R902 R923
12	RES-7.5K, $\pm 5\%$, 1/16W-0402	1	R314
13	RES-39K, $\pm 1\%$, 1/16W-0402	1	R377
14	RES-47K, $\pm 5\%$, 1/16W-0402	1	R534
15	RES-100K, $\pm 5\%$, 1/16W-0402	3	R233 R249 R251
16	RES-330K, $\pm 1\%$, 1/16W-0402	1	R321
17	CAP-18PF, $\pm 5\%$, COG, 50V-0402	4	C169 C171 C324 C325
18	CAP-27PF, $\pm 5\%$, COG, 50V-0402	3	C801 C802 C803
19	CAP-33PF, $\pm 5\%$, COG, 50V-0402	9	C107 C601 C602 C604 C605 C675 C676 C681 C683
20	CAP-100PF, $\pm 5\%$, COG, 50V-0402	8	C131 C132 C244 C603 C606 C616 C630 C682
21	CAP-1nF, $\pm 10\%$, X7R, 50V-0402	2	C108 C170
22	CAP-100nF, $\pm 10\%$, X5R, 10V-0402	7	C221 C260 C607 C608 C611 C612 C626
23	CAP-1uF, $\pm 10\%$, X5R, 10V-0402	14	C145 C146 C310 C317 C318 C321 C331 C354 C532 C541 C542 C543 C702 C804
24	CAP-1uF, $\pm 10\%$, X5R, 10V-0603	2	C243 C322
25	CAP-1uF, $\pm 10\%$, X5R, 16V-0603	1	C326
26	CAP-2.2uF, $\pm 10\%$, X5R, 6.3V-0603	3	C313 C314 C315
27	CAP-4.7uF, $\pm 10\%$, X5R, 6.3V-0603	6	C218 C323 C332 C530 C610 C639
28	CAP-10uF, $\pm 20\%$, X5R, 6.3V-0603	1	C644
29	CAP-10uF, $\pm 10\%$, X5R, 6.3V-0805	2	C613 C614
30	CAP-22uF, $\pm 20\%$, X5R, 6.3V-0805	1	C250
31	CAP-TANT, 47uF, $\pm 20\%$, 6.3V-3216, ESR= 2.5, H=1.6mm	1	C111
32	Crystal-26MHz, LC-7.4PF, $\pm 10\text{ppm}$, 3.2*2.5*0.7, FOR MT6253	1	X104
33	Crystal-32.768KHz, LC-12.5PF, $\pm 20\text{ppm}$, 6.9*1.4*1.3mm	1	X311
34	IND-BEAD, DCR-0.45, 75 Ω @100MHz, 300mA-0402	4	B603 B604 B611 B612
35	IND-BEAD, DCR-1.3, 1K Ω @100MHz, 250mA-0402	4	B606 B701 B525 B526
36	IND-BEAD, DCR-0.35, 600 Ω @100MHz, 800mA-0603	1	B601
37	IC-CPU GSM/GPRS BASEBAND PROCESSOR, with a serial flash, 11.6*12.1*1.2mm, TFBGA305	1	U201
38	Silicon Planar Zener Diodes, 500mW, Vbr=5.1V, Ir=20uA@4.2V, 500MW, Size=1.7*0.9*0.7mm, SOD-523	1	T203
39	DIODE-LED, BLUE, VF=2.8@5mA, VR=5V, 0603	6	HL601 HL602 HL610 HL611 HL612 HL613
40	PNP epitaxial planar silicon transistor, HFE $\geq$ 100, I _{max} =-3A, 1.2W, 3.0*2.9*1.25mm, SOT-23-6	1	Q301
41	TRAN_N-channel with ESD protection, 20V, 180mA, V _{(gs)th} =0.6v@I _d =0.1mA, R _(ds) =1.8R@10mA, V _{(gs)th} =2.5v, VESM	1	Q302
42	VARISTOR-12V, 22P-0402	2	T557 T201
43	VARISTOR-5.0V, 5P-0402	9	T514 T543 T553 T601 T602 T603 T604 T605 T606
44	2126_MB_1.2_PCB (4PTH)	1	
45	IC-RFPA/FEM, DUAL-BAND GSM900/DCS, 6*6	1	U103

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46	RES-10K, +/-5% , 1/16W-0402	1	R122
47	RES-27K, +/-5%, 1/16W-0402	1	R125
48	CAP-3. 9PF, +/-0. 25PF, COG, 50V-0402	2	C152 C153
49	CAP-5. 6PF, +/-0. 25PF, COG, 50V-0402	1	C167
50	CAP-6PF, +/-0. 25PF, COG, 50V-0402	1	C109
51	CAP-7PF, +/-0. 25PF, COG, 50V-0402	2	C156 C157
52	CAP-22PF, +/-5, COG, 50V-0402	6	C103 C104 C105 C113 C126 C127
53	CAP-220PF, +/-5, COG, 50V-0402	1	C112
54	IND-MULTILAYER-3. 3nH, +/-0. 3nH, 400mA-0402	4	L110 R120 L106 C142
55	IND-MULTILAYER-15nH, +/-5%, 300mA-0402	1	L101
56	SAW FILTER-RX, GSM850/1900, 1. 8*1. 4*0. 7	1	Z101
57	CON-SIM Socket 1. 5h	1	J801
58	CON-BAT_5. 7h_3PIN_pich2. 8	1	J204
59	10PIN_USB 3. 7h	1	J504
60	2126_BB Shielded	1	