

MT0729BEBOM

Item	Name	Description	Ref NO.	QTY
1	PCB	V1.1		1
2	IC	CPU MT6577A	U201	1
3	IC	IC_MCP(eMMC+DDR2) H9TP32A4GDMCPR_KDM	U501	1
4	IC	IC_GSM Transceiver CHIP MT6162N	U603	1
5	IC	IC_PMIC MT6329A	U301	1
6	IC	IC_PA Quadband RF3232DS	U4	1
7	IC	IC_WCDMA_PA (band1) RF7241DS	U707	1
8	IC	IC_WCDMA_PA (band5) RF7245DS	U706	1
9	Diode	IC CHARGE CHIP PT236T30E2	U2	1
10	Diode	TR_MOSFET_N_2,	U302 U303	2
11	IC	IC_LED DRIVER	U801	1
12	Connector	CONN_Audio Jack 3.5 1.4mm	J405	1
13	Connector	SIM CONN-SIM holder,bridge,H 1.8	SIM1	1
14	Connector	Conn-t-flash	SD8	1
15	Connector	Conn-ZIF,40pin,0.5pitch H1.2	J512	1
16	Connector	Conn-ZIF,10pin,0.4pitch H0.9	J5	1
17	Connector	CONN_B2B 24PIN	BTB1	1
18	IC	LDO 3.3V LN1134A332MR / CL9193A33L5 / BL8563-33PRA//XC6219B332MR,	U9 U6 U200	3
19	轻触开关		S1 S2 S3	3

20	按键开关	RESET	J10	1
21	Diode	Diode DTC123 SOT416	Q1	1
22	Diode	Diode	D8 D11	2
23	Diode	Diode,Schottky,1N5819HW,40V,1A,600mV,SOD-123	D12	1
24	Inductance	22uH/500mA(4X4X1.8)	L8	1
25	Diode	6.8V Diode	D9	1
26	Diode	16V Diode	D10	1
27	LED	Blue LED 0603	D4	1
28	LED	RED IED 0603	D3	1
29	Crystal	XT_CRYSTAL 26MHZ ,TCX0	U606	1
30	Crystal	XT_CRYSTAL XTAL 32.768K 20PPM 12.5P SMT	X101	1
31	WCDMA SAW	FT_WCDMA RX SAW SAYFP836MCC0F00	U602	1
32	WCDMA SAW	FT_WCDMA RX SAW SAYFP1G95CA0B00	U604	1
33	GSM SAW	FT_GSM RX SAW SAWEN881MCY0F00R14	U1	1
34	GSM SAW	FT_GSM RX SAW SAWEN1G84CW0F00R14	U3	1
35	RF Connector	CONN -RF, 50R	CON701	1
36	DIODE	D_DIODE ZENER	D1	1
37	DIODE	D_DIODE ZENER	D5 D6 D305	3
38	Connector	Micro USB conn 5pin	J100	1
39	DC-DC	AP3012KTR-E1 SOT-23-5	U18	1
40	DIODE	SI2301CDS-T1-GE3 /PPMT20V3	Q702	1

41	IC	LVDS IC	U8	1
42	DIODE	D_DIODE ZENER(Prisemi) PZ5D4V2H	D304 D306	2
43	Inductance	COIL,LQM2HP_G0 (1008)	L305 L311 L312 L309 L1001	5
44	Inductance	COIL,LQM2HP_G0 (1008)	L313	1
45	Inductance	COIL,LQH3NP_J0 (3030)	L211	1
46	Inductance	100M 0603	L2	1
47	Inductance	COIL,3.3nH_+-.3nH(0402)(Sunlord)	C724	1
48	Inductance	COIL,1.5nH_+-.3nH(0402)(Sunlord)	C620 C623	2
49	Inductance	COIL,1.8nH_+-.3nH(0402)(Sunlord)	C726	1
50	Inductance	COIL,2.2nH_+-.3nH(0402)(Sunlord)	C626 C612 C606	3
51	Inductance	COIL,4.7nH_+-.3nH(0402)(Sunlord)	L608 L611 L617	3
52	Inductance	COIL,5.6nH_+-.3nH(0402)(Sunlord)	L1	1
53	Inductance	COIL,6.8nH_+-.3nH(0402)(Sunlord)	L612	1
54	Inductance	COIL,3.9nH_+-.3nH(0402)(Sunlord)	C622	1
55	Inductance	COIL,22nH_5%(0402)(Sunlord)	L602 L605	2
56	Inductance	COIL,33nH_5%(0402)(Sunlord)	C711	1
57	Inductance	COIL,47nH_5%(0402)(Sunlord)	L614	1
58	BEAD	BEAD,75Ω, +/-25%,600mA(0402)	B202 B203 B204 B205 B206 B207 B1 B2	8
59	BEAD	BEAD,FERRITE 220R 0402	B101	1
60	BEAD	BEAD,FERRITE 2500R 0603	L403	1
61	BEAD	BEAD,FERRITE 220R 0603	L212 L213 BEAD407 BEAD408 BEAD409	5

62	TVS	D_TVS ESD9B5VL-2/TR 0402	VR411 VR412 VR415 VR801 VR805 VR806 VR808	7
63	Capacitance	CAP_(0402)0.5pF_+-0.1pF(MURATA)	C729 C731	2
64	Capacitance	CAP_(0402)6.8pF_+- .25pF(MURATA)	C624 C627	2
65	Capacitance	CAP_(0402)2.7pF_+- .25pF(MURATA)	C625	1
66	Capacitance	CAP_(0402)10pF_5%(MURATA)	C7 C8 C611 C613	4
67	Capacitance	CAP_(0402)15pF_5%(MURATA)	C608 C609	2
68	Capacitance	CAP_(0402)18pF_5%(MURATA)	C101 C102 C103 C602 C604 C605 C607 C712 C725 C0201 C0202 C63 C64 C73 C1016 C1022	16
69	Capacitance	CAP_(0402)12pF_5%(MURATA)	C621	1
70	Capacitance	CAP_(0402)22pF_5%(MURATA)	C167 C709 C760	3
71	Capacitance	CAP_(0402)27pF_5%(MURATA)	C75	1
72	Capacitance	CAP_(0402)33pF_5%(MURATA)	C404 C405 C407 C408 C409 C416 C418 C419 C421 C422 C423 C433 C434	13
73	Capacitance	CAP_(0402)56pF_5%(MURATA)	C710 C733	2
74	Capacitance	CAP_(0402)82pF_5%(MURATA)	C716 C719	2
75	Capacitance	CAP_(0402)100pF_5%(MURATA)	C402 C403 C406 C420 C426 C428 C450	7
76	Capacitance	CAP_(0402) 1nF_10%(MURATA)	C444 C446 C629 C636 C701 C761 C1008	7
77	Capacitance	CAP_(0402) 10nF_10%(MURATA)	C643	1

78	Capacitance	CAP_(0402)100nF_10%(MURATA)	C1 C2 C3 C104 C201 C204 C205 C206 C312 C332 C333 C337 C338 C341 C343 C344 C350 C354 C355 C357 C364 C365 C368 C369 C371 C372 C373 C374 C375 C376 C377 C379 C385 C387 C392 C398 C511 C512 C513 C515 C516 C522 C637 C717 C720 C721 C722 C813 C814 C840 C862 C173 C265 C156 C166 C590 C1606 C1004 C1005 C1025	60
79	Capacitance	CAP_(0402) 1uF_10%(MURATA)	C105 C207 C239 C243 C244 C268 C269 C275 C276 C335 C339 C340 C342 C345 C346 C347 C348 C349 C352 C360 C361 C362 C363 C366 C380 C384 C415 C417 C430 C432 C457 C459 C460 C461 C462 C464 C465 C466 C468 C469 C470 C504 C507 C518 C519 C520 C521 C614 C616 C617 C618 C619 C810 C846 C850 C370 C1611 C1006 C1007 C1010 C1032 C1033	62
80	Capacitance	CAP_(0402)2.2uF_20%(MURATA)	C267 C334 C353 C386 C509 C510 C514 C6 C4 C155	10
81	Capacitance	CAP_(0603) 1uF_10% (MURATA)	C336 C249	2
82	Capacitance	CAP_(0603)2.2uF_10%(MURATA)	C5 C313 C359 C861 C1009	5
83	Capacitance	CAP_(0603)4.7uF_10%(MURATA)	C315 C316 C318 C351 C458 C506 C517 C718 C1001 C1002 C1003 C9 C10	13
84	Capacitance	CAP_(0603)10uF_20% (MURATA)	C250 C241	2
85	Capacitance	CAP_(0805) 1uF_10% (MURATA)	C161 C162	2
86	Capacitance	CAP_(0805)4.7uF_10%(MURATA)	C160 C163	2
87	Capacitance	CAP_(0805)22uF_20%HO.9(MURATA)	C302 C702 C245 C256 C358 C388 C235 C391 C393 C431	10
88	Capacitance	CAP_(1206)22uF 10% (MURATA)	C168	1

89	Resistance	ERS_(0402)0 Ohm_5%	R301 R320 R321 R367 R368 R425 R439 R442 R446 R460 R522 R611 R719 R723 R740 R801 R1503 R1611 R1612 VR302 R428 R461 R462 L701 L702 R9 R10 R11 R12 R14 R15 R1018 R1622 R1630 R1061 R1026 R1053 R1054 R1055 R1056 R13	18
90	Resistance	ERS_(0402)27 Ohm_5%	R733 R737	2
91	Resistance	ERS_(0402)33 Ohm_5%	R434 R436 R6 R7	4
92	Resistance	ERS_(0402)36 Ohm_5%	R739	1
93	Resistance	ERS_(0402)51 Ohm_5%	R720	1
94	Resistance	ERS_(0402)243R Ohm_1%	R501 R502	2
95	Resistance	ERS_(0402)1K Ohm_5%	R304 R319 R340 R401 R408 R412 R447 R703 R713 R714 R715 R716	12
96	Resistance	ERS_(0402)1.5K Ohm_5%	R405 R406 R411	3
97	Resistance	ERS_(0402)4.7K Ohm_5%	R73 R0204 R0205 R205 R206 R0211 R0212	7
98	Resistance	ERS_(0402)6.8K Ohm_5%	R82 R85	2
99	Resistance	ERS_(0402)5.1KOhm_1%	R0005	1
100	Resistance	ERS_(0402)7.5K Ohm_1%	R307	1
101	Resistance	ERS_(0402)10K Ohm_5%	R3 R4 R527 R210 R211 R1124 R153	7
102	Resistance	ERS_(0402)30K Ohm_5%	R97	1
103	Resistance	ERS_(0402)39K Ohm_1%	R601 R311 R504	3
104	Resistance	ERS_(0402)47K Ohm_5%	R36 R201 R203 R204 R514 R524 R525 R526 R528 R529 R530 R531	12
105	Resistance	ERS_(0402)51K Ohm_1%	R207 R208 R86	3
106	Resistance	ERS_(0402)56K Ohm_5%	R95	1

107	Resistance	ERS_(0402)100K Ohm_5%	R803	1
108	Resistance	ERS_(0402)160K Ohm_5%	R35	1
109	Resistance	ERS_(0402)220K Ohm_5%	R604 R505	2
110	Resistance	ERS_(0402)330K Ohm_1%	R308	1
111	Resistance	ERS_(0402)470K Ohm_5%	R202	1
112	Resistance	ERS_(0402)910K Ohm_5%	R1062	1
113	Resistance	ERS_(0402)100K@ 25°C	R603 R506	2
114	Resistance	ERS_(0603)0 Ohm_5%	R324 R432 R435 R336	4
115	Resistance	ERS_(00603)10 Ohm_5%	R19 R238	2
116	Resistance	ERS_(0805)0.02 Ohm_1%	R366	1
117	Resistance	ERS_(0805)0.2 Ohm_1%	R312	1
118	Resistance	FILTER0603 7.5pf 100R/SMD/	EMI1 EMI2 EMI3 EMI4 EMI5 EMI6 EMI813	7
119	Shielding Cover	RF Shield frame cover		1
120	Shielding Cover	Shield frame cover		1
121	Shielding Cover	S500 Shield frame cover		1
122	Shielding Cover	BB Shield frame cover		1
123	IC	IC_G_SENSOR	U7	1
124	IC	IC_combo_(BT/WIFI/GPS/FM)	U1001	1
125	IC	IC_GPS-LNA,BGU7005	U14	1
126	CRYSTAL	XT_CRYSTAL 26MHZ,TCXO	U1003	1

127	IC	LDO_DUAL2.8V 1.8V SOT23-6	U1008	1
128	SAW	FT_FILTER SAW WIFI/BT	F101	1
129	SAW	FT_IC-1.5G,GPS SAW	U5	1
130	IC	DC-DC EUP2410	U10	1
121	Antenna	SMT-SPring-for-Antenna	ANT1 ANT701	2