

Circuit Material Of MainBoard					
ITEM	part spec and description detail	P/N	QTY	LOGIC	MFG
1	Baseband Processor	MT6252A	1	U201	MTK
2	Serial Flash (64M+32,1.8V,8-WSOP.)	GD25LQ64BWIG MX25U6435EZNI-10G	1	U203	GD MXIC
3	Crystal for MT6252 (26MHz)	7M26000028 E3SB26.0000F7GS11M	1	U103	TXC
4	Crystal for BB (32KHz, 12.5pF)	SSP-T7-F MC146	1	X301	SII Epson
5	TX Model (Quad band)	AM7807	1	U101	Amalfi
6	RX SAW for GSM850(14×11)	SAFEA881MFL0F00	1	F103	Murata
7	RX SAW for DCS1900(14×11)	SAFEA1G96FA0F00	1	F101	Murata
8	RX SAW for GSM900&DCS1800(18×14)	SAWEN942MCM0F00	1	F102	MURATA
9	PNP Power Transistor(SOT23-6L,3A)	STT818B PT236T30E2	1	U301	ST Prisemi
10	Field-Effect Transistor(N-ch)	SSM3K35MFV PNM723T703E0-2	1	Q301	Toshiba Prisemi
11	Transistor	DTC114EET1 DTC114EET1G SEC114EE DTC114EETL	1	Q602	ON ON SINO-IC ROHM
12	WHITE LED (0603)0.4 H	GT197	12	D701, D702, D703, D704, D705, D706, D707, D708, D709, D710, D711, D712	Everlight
13	RF Con	MM8430-2610RB3 KMC-1001-F007-7F MM8430-2610RA1	1	J101	Murata FOXCONN Murata
14	Battery Con(4.7mmH)	BT09-03AB10-00	1	J301	TOPCON
15	T-flash Socket	TF03-08AB05-00	1	J704	TOPCON
16	SIM Socket	SM09-16AB05-00	1	J703	TOPCON
17	USB Con(5Pin)	MU05-05AB05-03	1	J701	TOPCON
18	EAR CON(3.5mm)	PJ08-06AB05-06	1	J501	TOPCON
19	Antenna Pogo	A0837-168	2	ANT101, ANT102	
20	Cap 3.3pF,0402,C0G,50V,±0.25pF	CC0402CRNPO9BN3R3	2	C126, C127	YAGEO

21	Cap 3.9pF,0402,C0G,50V,±0.25pF	CC0402CRNPO9BN3R9	2	C128, C129	YAGEO
22	Cap 5.6pF,0402,C0G,50V,±0.25pF	CC0402CRNPO9BN5R6	5	C130, C131, C132, C133, C134	YAGEO
23	Cap 18pF,0402,C0G,50V,±5%	CC0402JRNPO9BN180	4	C135, C139, C304, C305	YAGEO
24	Cap 22pF,0402,C0G,50V,±5%	CC0402JRNPO9BN220	8	C111, C112, C113, C114, C116, C117, C118, C119	YAGEO
25	Cap 33pF,0402,C0G,50V,±5%	CC0402JRNPO9BN330	10	C503, C505, C510, C511, C516, C517, C518, C520, C526, C528	YAGEO
26	Cap 100pF,0402,C0G,50V,±5%	CC0402JRNPO9BN101	6	C104, C504, C509, C515, C519, C527	YAGEO
27	Cap 270pF,0402,C0G,50V,±5%	CC0402JRNPO9BN271	1	C108	YAGEO
28	Cap 1nF,0402,X7R,50V,±10%	CC0402KRX7R9BB102	1	C138	YAGEO
29	Cap 100nF,0402,X5R,10V,±10%	CC0402KRX5R6BB104	5	C501, C502, C512, C513, C602	YAGEO
30	Cap 1uF,0402,X5R,6.3V,±10%	CC0402KRX5R5BB105	24	C103, C105, C136, C137, C202, C302, C303, C306, C309, C310, C311, C312, C313, C323, C324, C601, C603, C604, C605, C606, C701, C702, C703, C710	YAGEO
31	Cap 1uF,0603,X5R,6.3V,±10%	CC0603KRX5R5BB105	2	C316, C318	YAGEO
32	Cap 2.2uF,0603,X5R,6.3V,±10%	CC0603KRX5R5BB225	4	C307, C314, C319, C325	YAGEO
33	Cap 4.7uF,0603,X5R,6.3V,±10%	CC0603KRX5R5BB475	3	C201, C301, C308	YAGEO
34	Cap 10uF,0805,X5R,6.3V,±10%	CC0805KRX5R5BB106	6	C106, C507, C508, C317, C506, C514	YAGEO
35	Res 0R,0402,±5%	RC0402JR-070RL	14	C107, B601, R105, R106, R107, R108, R301, R302, R303, R309, R607, L101, L121, L124	YAGEO
36	Res 5.1R,0402,±5%	RC0402JR-075R1L	2	R715, R716	YAGEO
37	Res 30R,0402,±5%	RC0402JR-0730RL	12	R705, R706, R707, R708, R709, R710, R711, R712, R713, R714, R717, R718	YAGEO
38	Res 100R,0402,±5%	RC0402JR-07100RL	2	R504, R505	YAGEO
39	Res 1K,0402,±5%	RC0402JR-071KL	11	R109, R110, R111, R112, R305, R307, R501, R503, R506, R507, R510	YAGEO
40	Res 1.5K,0402,±5%	RC0402JR-071K5L	3	R502, R508, R509	YAGEO
41	Res 7.5K,0402,±5%	RC0402JR-077K5L	1	R312	YAGEO
42	Res 10K,0402,±5%	RC0402JR-0710KL	4	R114, R701, R702, R703	YAGEO
43	Res 20K,0402,±5%	RC0402JR-0720KL	1	R113	YAGEO

44	Res 39K,0402,±1%	RC0402FR-0739KL	1	R311	YAGEO
45	Res 100K,0402,±5%	RC0402JR-07100KL	10	R201, R203, R204, R205, R601, R602, R603, R604, R606, R608	YAGEO
46	Res 330K,0402,±1%	RC0402FR-07330KL	1	R310	YAGEO
47	Res 0R,0603,±5%	RC0603JR-070RL	2	L201, R316	YAGEO
48	Res 0.20R,0805,±1%,1/4W	RL0805FR-7W0R2L	1	R315	YAGEO
49	Inductor 1.2nH,0402,±0.3nH,300mA	LQG15HS1N2S02D SDCL1005C1N2STDF	2	L106, L107	Murata Sunlord
50	Inductor 1.5nH,0402,±0.3nH,300mA	LQG15HS1N5S02D SDCL1005C1N5STDF	2	L104, L105	Murata Sunlord
51	Inductor 2.7nH,0402,±0.3nH,300mA	LQG15HS2N7S02D SDCL1005C2N7STDF	1	L111	Murata Sunlord
52	Inductor 3.3nH,0402,±0.3nH,300mA	LQG15HS3N3S02D SDCL1005C3N3STDF	1	L108	Murata Sunlord
53	Inductor 15nH,0402,±5%,,300mA	LQG15HS15NJ02D SDCL1005C15NJTDF	2	L113, L115	Murata Sunlord
54	Bead 1000R(100MHz),2K(1GHz), 0402,250mA,1.25ohm	BLM15HD102SN1	7	B501, B502, B505, B506, B507, B508, B509	Murata
55	Bead 220R(100MHz), 0402,300mA,0.7ohm	BLM15BD221SN1	2	B503, B504	Murata
56	Zener Diode (5.1V,500mW,EMD2,0603,0.6H)	PZ5D4V2H	1	D302	Prisemi
57	Shielding Case (BB)		1		MHD
58	MAIN PCB	TJPIANO_MB_V30	1		