

Circuit Material Of MainBoard		Model : Kiwi-tv			
NO.	Item	Parts No	Q'ty	RefDes	Manufacture
1	Baseband Processor	MT6252	1	U201	MTK
2	Serial Flash (64M,1.8V,8-WSON,5.0×6.0×0.8mm)	MX25U6435EZNI-10G	1	U202	MXIC
3	Crystal for MT6252 (26MHz)	7M26000028	1	U103	TXC
4	Crystal for BB (32KHz, 12.5pF)	SSP-T7-F MC146	1	X301	SII Epson
5	TX Model (Quad band,6.0×6.0×1.1mm)	RDA6232	1	U101	RDA
6	RX SAW for GSM900&DCS1800(18×14)	SAWEN942MCM0F00	1	F102	MURATA
7	RX SAW for GSM850(14×11)	SAFEA881MFL0F00	1	F103	Murata
8	RX SAW for DCS1900(14×11)	SAFEA1G96FA0F00	1	F101	Murata
9	BT+FM module(6.0×6.0mm,QFN-40)	MT6626N	1	U402	MTK
10	PNP Power Transistor(SOT23-6L,3A)	STT818B PT236T30E2	1	U301	ST Prisemi
11	Field-Effect Transistor(N-ch)	SSM3K35MFV PNM723T703E0-2	1	Q301	Toshiba Prisemi
12	Transistor	DTC114EET1 DTC114EET1G SEC114EE DTC114EETL	1	Q602	ON ON SINO-IC ROHM
13	White LED (0603)0.4H	GT197 LTW-C193SN5	11	D701, D702, D703, D704, D705, D706, D707, D708, D709, D710, D711	Everlight LITEON
14	Battery Con(4.7mmH)	BT08-03AB10-00	1	J301	TOPCON
15	EAR Jack(3.5mm)	PI04-06AB05-00	1	J501	TOPCON
16	T-flash Socket	TF01-08AB05-00	1	J703	TOPCON
17	SIM Socket	SM06-06AB05-00	1	J702	TOPCON
18	USB Con(5Pin)	MU05-05AB05-03	1	J705	TOPCON
19	Cap 0.5pF,0402,C0G,50V,±0.25pF	CC0402CRNPO9BNR50	1	L406	YAGEO
20	Cap 1pF,0402,C0G,50V,±0.25pF	CC0402CRNPO9BN1R0	2	C406, C408	YAGEO
21	Cap 3.9pF,0402,C0G,50V,±0.25pF	CC0402CRNPO9BN3R9	4	C128, C129, C126, C127	YAGEO
22	Cap 5.6pF,0402,C0G,50V,±0.25pF	CC0402CRNPO9BN5R6	5	C130, C131, C134, C132, C133	YAGEO

23	Cap 6pF,0402,C0G,50V,±0.25pF	CC0402CRNPO9BN6R0	1	C112	YAGEO
24	Cap 18pF,0402,C0G,50V,±5%	CC0402JRNPO9BN180	4	C135, C139, C304, C305	YAGEO
25	Cap 22pF,0402,C0G,50V,±5%	CC0402JRNPO9BN220	8	C106, C107, C108, C109, C118, C119, C116, C121	YAGEO
26	Cap 33pF,0402,C0G,50V,±5%	CC0402JRNPO9BN330	10	C503, C505, C510, C511, C516, C517, C518, C520, C526, C528	YAGEO
27	Cap 47pF,0402,C0G,50V,±5%	CC0402JRNPO9BN470	1	C105	YAGEO
28	Cap 100pF,0402,C0G,50V,±5%	CC0402JRNPO9BN101	8	C111, C114, C115, C504, C509, C515, C519, C527	YAGEO
29	Cap 1nF,0402,X7R,50V,±10%	CC0402KRX7R9BB102	2	C113, C138	YAGEO
30	Cap 100nF,0402,X5R,10V,±10%	CC0402KRX5R6BB104	5	C602, C501, C502, C512, C513	YAGEO
31	Cap 1uF,0402,X5R,6.3V,±10%	CC0402KRX5R5BB105	26	C609, C136, C137, C202, C302, C303, C306, C309, C310, C311, C312, C313, C323, C324, C401, C402, C405, C409, C601, C603, C604, C605, C606, C710, C403, C404	YAGEO
32	Cap 1uF,0603,X5R,6.3V,±10%	CC0603KRX5R5BB105	2	C316, C318,	YAGEO
33	Cap 4.7uF,0603,X5R,6.3V,±10%	CC0603KRX5R5BB475	8	C307, C314, C319, C325, C421, C201, C301, C308	YAGEO
34	Cap 10uF,0805,X5R,6.3V,±10%	CC0805KRX5R5BB106	6	C507, C508, C317, C506, C514, C110	YAGEO
35	Res 0R,0402,±5%	RC0402JR-070RL	23	C104, B401, B601, B507, B508, L101, R301, R302, R309, R607, R105, R106, R107, R108, R303, R404, R406, R407, R101, R401, R402, R403	YAGEO
36	Res 5.1R,0402,±5%	RC0402JR-075R1L	2	R715, R716	YAGEO
37	Res 10R,0402,±5%	RC0402JR-0710RL	11	R704, R705, R706, R707, R708, R709, R710, R711, R712, R713, R714	YAGEO
38	Res 100R,0402,±5%	RC0402JR-07100RL	2	R504, R505	YAGEO
39	Res 1K,0402,±5%	RC0402JR-071KL	11	R103, R109, R110, R111, 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	6	R411, R412, R701, R702, R703, R102	YAGEO
43	Res 15K,0402,±5%	RC0402JR-0715KL	1	R408	YAGEO
44	Res 27K,0402,±5%	RC0402JR-0727KL	1	R104	YAGEO
45	Res 39K,0402,±1%	RC0402FR-0739KL	1	R311	YAGEO
46	Res 100K,0402,±5%	RC0402JR-07100KL	7	R201, R204, R205, R409, R203, R601, R608	YAGEO
47	Res 330K,0402,±1%	RC0402FR-07330KL	1	R310	YAGEO
48	Res 0R,0603,±5%	RC0603JR-070RL	2	R316, L201	YAGEO

49	Res 0.20R,0805,±1%,1/4W	RL0805FR-7W0R2L	1	R315	YAGEO
50	Inductor 1.2nH,0402,±0.3nH,300mA	LQG15HS1N2S02D SDCL1005C1N2STDF	2	L106, L107	Murata Sunlord
51	Inductor 1.5nH,0402,±0.3nH,300mA	LOG15HS1N5S02D SDCL1005C1N5STDF	2	L105, L104	Murata Sunlord
52	Inductor 1.8nH,0402,±0.3nH,300mA	LQG15HS1N8S02D SDCL1005C1N8STDF	1	C103,	Murata Sunlord
53	Inductor 2.7nH,0402,±0.3nH,300mA	LQG15HS2N7S02D SDCL1005C2N7STDF	2	C407, L403	Murata Sunlord
54	Inductor 3.9nH,0402,±0.3nH,300mA	LQG15HS3N9S02D SDCL1005C3N9STDF	2	L111, L109	Murata Sunlord
55	Inductor 5.6nH,0402,±0.3nH,300mA	LQG15HS5N6S02D SDCL1005C5N6STDF	1	L405	Murata Sunlord
56	Inductor 15nH,0402,±5%,300mA	LQG15HS15N02D	2	L113, L115	Murata Sunlord
58	Inductor 100nH,0402,±5%,150mA	LQG15HSR10J02	1	L402	Murata
59	Bead 600R(100MHz),1K(1GHz),	BLM15HG601SN1	7	B501, B502, B503, B504, B505, B506, B509	Murata
60	Chip Varistor (50pF,0402)	ICVS0505500FR SFI0402-050E560NP-LF VRS0402SR5R500N HL0402-050E560NP-LF	3	T507, T508, T509	ICT SFI Phycomp HYLINK
61	Zener Diode (5.1V,500mW,EMD2,0603,0.6H)	PZ5D4V2H	1	D302	Prisemi
62	Shielding Case (BB)		1		MHD
63	L331 MAIN PCB	TJL331_MB_V21	1		
64	ATV Model	NMI601B	1	U801	NMI
65	Low noise LDO(2.8V)	XC6219B282MR BL919828AAPRN S-1112B28MC-L6NTPG	1	U803	BELLING SH
66	Cap 1pF,0402,C0G,50V,±1%	CC0402CRNPO9BN1R0	1	C807	YAGEO
67	Cap 1.5pF,0402,C0G,50V,±1%	CC0402CRNPO9BN1R5	1	C828	YAGEO
68	Cap 1000pF,0402,X7R,50V,±10%	CC0402KRX7R9BB102	1	C803	Murata
69	Cap 22nF,0402,X7R,16V,±10%	CC0402KRX757BB223	2	C810,C811	YAGEO
70	Cap 100nF,0402,X5R,10V,±10%	CC0402KRX5R6BB104	6	C814,C815,C817,C819,C820,C821	YAGEO
71	Cap 1uF,0402,X5R,6.3V,±10%	CC0402KRX5R5BB105	5	C801,C802,C816,C818,C827	YAGEO
72	Cap 4.7uF,0603,X5R,6.3V,±10%	CC0603KRX5R5BB475	2	C825,C826	YAGEO
73	Res 0R,0402,±5%	RC0402JR-070RL	1	L801	YAGEO
74	Res 750R,0402,±5%	RC0402JR-07750RL	1	R805	YAGEO

75	Res 1K,0402,±5%	RC0402JR-071KL	2	R801,R802	YAGEO
76	Res 100K,0402,±5%	RC0402JR-07100KL	1	R807	YAGEO
77	Inductor 9.1nH,0402,±5%,,300mA	LQG15HS9N1J02D	1	L803	Murata
78	Bead 120R(100MHz), 0402,500mA	BLM15AG121SN1	2	B801,B802	Murata