

Circuit Meterial Of MainBoard			USW100_MB_V43_BOM		
ITEM	Part Spec and description Detail	MFG P/N	Qty /set	Logic Reference	MFG
1	<b>MCU Model</b>	TJM5350 (In the addendum)	1	U101	TONEJET
2	<b>Bluetooth</b>	MT6612	1	U201	MTK
3	<b>FM tuner</b>	KT0812G	1	U202	KT Micro
4	<b>Bass Filter for BT</b>	TBB-2012-245-C5 DEA202450BT-7190A1 FB2012-06N2R4M RFBPB2012090AM1T61	1	U203	CYNTEC TDK ACX WALSIN
5	<b>ClassD Audio PA</b>	AW8110CSR	1	U402	AWINIC
6	<b>Analog Switch</b>	PI5A3158ZAEX UM3258	1	U302	Pericom Union
7	<b>6 Channel RGB LED Driver (4×4×0.75mm,QFN-20,256steps)</b>	SN3103	1	U303	SI-EN
8	<b>Zener Diode (0603,5.1V)</b>	EDZTE615.1B	1	T103	Rohm KEC
9	<b>RF Con</b>	MM8430-2610RB3 MM8430-2610RA1	1	J101	Murata Murata
10	<b>White LED (0603)0.4 H</b>	LTW-C193SN5 GT197	6	D301,D302,D303,D304,D305,D306	LITEON Everlight
11	<b>Battery Con (3pin)</b>	SUDBAT634537	1	J102	SUD
12	<b>T-flash Socket</b>	SUDTFH081600	1	J303	SUD

13	<b>EAR Jack(2.5MM)</b>	SUDJAK062500	1	J306	SUD
14	<b>SIM Socket</b>	CAF99-06243-1513 CAF99-06243-S113	2	J301,J302	LCN LCN
15	<b>MICRO USB Con(5Pin H)</b>	SUDUSBD52865	1	J305	SUD
16	<b>BTBF4-30</b>	WH1S030WA1	1	J403	JAE
17	<b>Cap 33pF,0402,C0G,50V,±5%</b>	CC0402JRNPO9BN330	2	C405,C406	YAGEO
18	<b>Cap 56pF,0402,COG,50V,±5%</b>	CC0402JRNPO9BN560	1	C203	YAGEO
19	<b>Cap 100pF,0402,COG,50V,±5%</b>	CC0402JRNPO9BN101	2	C210,C308	YAGEO
20	<b>Cap 1nF,0402,X7R,50V,±10%</b>	CC0402KRX7R9BB102	1	C209	YAGEO
21	<b>Cap 6.8nF,0402,X7R,50V,±10%</b>	CC0402KRX7R9BB682	2	C404,R407	YAGEO
22	<b>Cap 100nF,0402,X5R,10V,±10%</b>	CC0402KRX5R6BB104	8	C206,C207,C212,C215,C216,C305,C403,C307	YAGEO
23	<b>Cap 1uF,0402,X5R,6.3V,±10%</b>	CC0402KRX5R5BB105	11	C204,C205,C208,C213,C214,C301,C302,C306,C303,C407,C409	YAGEO
24	<b>Cap 2.2uF,0603,X5R,6.3V,±10%</b>	CC0603KRX5R5BB225	2	C107,C217	YAGEO
25	<b>Cap 4.7uF,0603,X5R,6.3V,±10%</b>	CC0603KRX5R5BB475	1	C408	YAGEO
26	<b>Res 0R,0402,±5%</b>	RC0402JR-070RL	5	B301,B403,L101,L103,R108	YAGEO
27	<b>Res 30R,0402,±5%</b>	RC0402JR-0730RL	1	R311	YAGEO

28	<b>Res 1K,0402,±5%</b>	RC0402JR-071KL	1	R306	YAGEO
29	<b>Res 1.5K,0402,±5%</b>	RC0402JR-071K5L	1	R307	YAGEO
30	<b>Res 4.7K,0402,±5%</b>	RC0402JR-074K7L	2	R308,R309	YAGEO
31	<b>Res 10K,0402,±5%</b>	RC0402JR-0710KL	4	R408,R409,R410,R411	YAGEO
32	<b>Res 15K,0402,±5%</b>	RC0402JR-0715KL	1	R201	YAGEO
33	<b>Res 47K,0402,±5%</b>	RC0402JR-0747KL	3	R402,R403,R202	YAGEO
34	<b>Res 100K,0402,±5%</b>	RC0402JR-07100KL	3	R310,R404,R312	YAGEO
35	<b>Bead 600R(100MHz),1K(1GHz), 0402,300mA,0.7ohm</b>	BLM15HG601SN1	8	B101,B102,B103,B104,B201,B202,B401,B402	Murata
36	<b>Inductor 100nH,0402,±5%,150mA</b>	LQG15HSR10J02	1	L201	Murata
37	<b>Bead600R(100MHz),700R(1GHz), 0603,500mA,1ohm</b>	BLM18EG601SN1	1	L301	Murata
38	<b>Chip Varistor (50pF)</b>	ICVS0505500FR HL0402-050E560NP-LF	6	T101,T102,T307,T308,T309,T311	ICT HYLINK
39	<b>MAIN-PCB</b>	TJUSW100_MB_V43	1		

Circuit Meterial Of MainBoard		TJM5350_MB_V43_BOM			
ITEM	Part Spec and description Detail	MFG P/N	Qty /set	Logic Reference	MFG
1	Baseband Processor	MT6253	1	U206	MTK
2	MCP (128+64,1.8V,1.8V,ADMUX)	K5N2866ATF_BQ12	1	U201	Susmang
3	TX module	RF7166	1	U101	RFMD
4	RX SAW for GSM850(18×14)	SAWEN881MCY0F00 SFRM81DY102	1	F102	Murata WISOL
5	RX SAW for PCS1900(18×14)	SAWEN1G84CW0F00 SFRG42MY002	1	F101	Murata WISOL
6	Crystal for MT6253(26MHz)	7M26000028 X1E000021043400 E3SB26.0000F7GS11M X3S026000B71HZ-HPR	1	U103	TXC EPSON Hosonic Hele
7	Crystal for Baseband(12.5pF)	SSP-T7-F MC146	1	X301	SII Epson
8	P-ch MosFET, QFN-8	AW3206DNR APL3206 ZT2306AD	1	U301	Awinic ANPEC Zilltek
9	Zener Diode (5.1V,EMD2,16×08.0.6H)	EDZTE615.1B	1	D301	Rohm
11	Cap 2pF,0402,C0G,50V,±0.25pF	CC0402CRNPO9BN2R0	2	C116,C129	YAGEO
13	Cap 3.9pF,0402,C0G,50V,±0.25pF	CC0402CRNPO9BN3R9	2	C107,C108,	YAGEO
14	Cap 5.6pF,0402,C0G,50V,±0.25pF	CC0402CRNPO9BN5R6	1	C102	YAGEO
		CC0402CRNPO9BN6R0		C147	YAGEO

15	Cap 6pF,0402,C0G,50V,±0.25pF		1		
16	Cap 22pF,0402,C0G,50V,±5%	CC0402JRNPO9BN220	9	C103,C109,C110,C113,C146,C148,C150,C308,C336	YAGEO
17	Cap 27pF,0402,C0G,50V,±5%	CC0402JRNPO9BN270	2	L116,L124	YAGEO
18	Cap 33pF,0402,C0G,50V,±5%	CC0402JRNPO9BN330	9	C105,C115,C403,C404,C418,C420,C421,C449,C452	YAGEO
19	Cap 56pF,0402,C0G,50V,±5%	CC0402JRNPO9BN560	1	C112	YAGEO
20	Cap 100pF,0402,C0G,50V,±5%	CC0402JRNPO9BN101	2	C302,C405	YAGEO
21	Cap 220pF,0402,C0G,50V,±5%	CC0402JRNPO9BN221	1	C151	YAGEO
22	Cap 1nF,0402,X7R,50V,±10%	CC0402KRX7R9BB102	1	C132	YAGEO
23	Cap 100nF,0402,X5R,10V,±10%	CC0402KRX5R6BB104	13	C120,C122,C128,C244,C331,C332,C333,C334,C335,C401,C402,C413,C414	YAGEO
24	Cap 1uF,0402,X5R,6.3V,±10%	CC0402KRX5R5BB105	20	C101,C127,C237,C238,C304,C306,C314,C315,C317,C319,C320,C321,C322,C323,C324,C326,C327,C328,C330,C363	YAGEO
25	Cap 4.7uF,0603,X5R,6.3V,±10%	CC0603KRX5R5BB475	8	C301,C312,C313,C316,C325,C329,C348,C349	YAGEO
26	Cap 10uF,0805,X5R,6.3V,±10%	CC0805KRX5R5BB106	5	C303,C407,C408,C409,C111	YAGEO
27	Res 0R,0402,±5%	RC0402JR-070RL	2	R105,R201,R211,R316	YAGEO
28	Res 47R,0402,±5%	RC0402JR-0747RL	1	R104	YAGEO
29	Res 100R,0402,±5%	RC0402JR-07100RL	2	R418,R421	YAGEO
30	Res 1K,0402,±5%	RC0402JR-071KL	7	R101,R301,R339,R401,R403,R409,R462	YAGEO

31	Res 1.5K,0402,±5%	RC0402JR-071K5L	2	R402,R408	YAGEO
32	Res 2K,0402,±5%	RC0402JR-072KL	2	R411,R419	YAGEO
33	Res 5.1K,0402,±1%	RC0402FR-075K1L	1	R205	YAGEO
34	Res 10K,0402,±5%	RC0402JR-0710KL	4	R107,R219,R224,R404	YAGEO
35	Res 24K,0402,±5%	RC0402JR-0724KL	1	R108	YAGEO
36	Res 0.20R,0805,±1%,1/4W	RL0805FR-7W0R2L	1	R303	YAGEO
37	Inductor 3.9nH,0402,±0.3nH,300mA	LQG15HS3N9S02D	1	C106	Murata
38	Inductor 4.7nH,0402,±0.3nH,300mA	LQG15HS4N7S02D	1	L117	Murata
39	Inductor 6.8nH,0402,±5%,300mA	LQG15HS6N8J02D	1	C121	Murata
40	Inductor 18nH,0402,±5%,,300mA	LQG15HS18NJ02D	1	L126	Murata
41	Inductor 2.2uH,0806,±20%,425mA	LQH2MCN2R2M02 MIP20122R2MBE	1	L305	Murata INPAQ
42	Inductor 4.7uH,0806,±20%,300mA	LQH2MCN4R7M02 MIP20124R7MBE	1	L301	Murata INPAQ
43	Bead 75R(100MHz),270R(1GHz), 0402,300mA,0.55ohm	BLM15BB750SN1	7	B101,B102,B103,B105,B404,B405,B411	Murata
44	Bead 1K(100MHz),2K(1GHz), 0402,250mA,1.25ohm	BLM15HD102SN1	2	B401,B408	Murata
45	Bead 180R(100MHz),170R(1GHz), 0603,1500mA,0.09ohm	BLM18PG181SN1	3	B301,B302,B304	Murata
46	Bead 600R(100MHz),700R(1GHz), 0603,200mA,1ohm	BLM18HG601SN1	2	B203,B207	Murata
47	TVS,7V,0603	ESD5Z7V-2/TR	1	T203	WILL

48	Shielding Case (BB)		1		MHD
49	MAIN-PCB	TJM5350	1		

Circuit Meterial Of KeyPad			USW100_KP_V40_BOM		
NO.	Item	Parts No	Q'ty	Ref'Des	Manufacture
1	White LED (0603)0.4 H	LTW-C193SN5 GT197	8	D101,D102,D103,D104,D105,D106,D107,D108	LITEON Everlight
2	BTBF4-20	BAF04-20153-0502	1	J101	LCN
3	BTBF4-30	BAF04-30153-0502	1	J103	LCN
4	Cap 1uF,0402,X5R,6.3V,±10%	CC0402KRX5R5BB105	1	C101	YAGEO
5	Res 10R,0402,±5%	RC0402JR-0710RL	1	R101	YAGEO
6	Bead 600R(100MHz),1K(1GHz), 0402,300mA,0.7ohm	BLM15HG601SN1	2	B101,B102	Murata
7	Chip Varistor (50pF)	ICVS0505500FR HL0402-050E560NP-LF	2	T101,T102	ICT HYLINK
8	KEYPAD-PCB	TJUSW100_KP_V40	1		