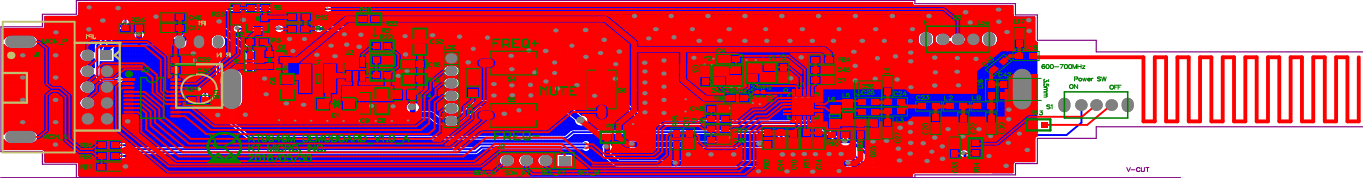


RT Micro, Inc.			
Title JCT0648/Demo Board			
Doc. # Document Number •			Rev. JY10
Date:	Sheet	of	



Comment	Description	Designator	Footprint	LibRef	Quantity
BATTERY		BT1	BAT_new	BATTERY_2	1
33pF		C1, C3, C4	0603	CAP NP	3
0.1uF		C2	c0402	CAP NP	1
22uF		C6, C8, C32	0805	CAP, CAP POL	3
0.1uF		C7, C9, C10, C17, C18, C30	0603	C, CAP NP	6
NC		C11, C48, L17	0603	CAP NP, INDUCTOR	3
10uF		C14, C15, C29, C44, C45, C49, C50	0603	CAP NP, CAP POL	7
4.7pF		C20, C42	0603	CAP NP	2
7.5pF		C22, C39	0603	CAP NP	2
100PF		C23, C25, C26	0603	CAP NP	3
3.3pF		C24, C27	0603	CAP NP	2
47pF		C28	0603	CAP NP	1
1uF		C31	CA	CAP NP	1
1uF		C33	0603	C	1
		C40	0603	CAP NP	1
10uF		C41	C0402	CAP NP	1
0R		C43, L15	0603	CAP NP, INDUCTOR	2
1N5819	Schottky Diode	D1	D1206	DIODE SCHOTTKY	1
330@100MHz		FB1, FB2, FB3, FB4, FB5, FB6, FB7	0603	INDUCTOR	7
IR		IR1	IRM-3638C	IR	1
MICPHONEJACK		J1	MIC	MICPHONE-0605	1
CON4	Connector	J2	SIP4	CON4	1
soft updata header		JP1	HDR5X2 - change boundary	HEADER 5X2	1
15nH		L2, L16	0603	INDUCTOR	2
12nH		L3, L4	0603	INDUCTOR	2
68nH		L5, L6	0805L	INDUCTOR	2
4.7uH		L7	0805LL	L	1
18nH		L8	0603	INDUCTOR	1
33uH		L14	805E	L	1
HJ70165		LCD	SSIP6	HJ70165	1
8550		Q1	SOT-23	S8550	1
S9014		Q2	SOT-23	S9014	1
10K		R1, R4, R26	0603	RES1, RESISTOR	3
1K		R3, R23	0603	RES1, RESISTOR	2
51K		R5, R12	0603	RES1	2
22K		R10, R25	0603	RESISTOR	2
11K		R11	0603	RESISTOR	1
1K		R13, R14, R15	R0603	R, RESISTOR	3
0R		R16	R0603	R	1
NC		R17	R0603	RESISTOR	1
750K		R20	R0603	R	1
500K		R21	R0603	R	1
100K		R22	R0603	R	1
100		R24	0603	RESISTOR	1
Power SW		S1	SW1	SW SPDT	1
RF SW		S2	SW1	SW SPDT	1
FREQ+		S4	SW2	SW-PB	1
FREQ-		S5	SW2	SW-PB	1
MUTE		S6	SW2	SW-PB	1
KT0646M		U1	QFN24	KT0646M	1
SH88F2051A/ 4051 A		U2	TSSOP-20-044-0.65	SH88F2051A/ 4051 A	1
HX3002		U3	SOT23-6	HX3002	1
24MHz		Y1	XTAL_3225	XTAL_1	1
24.576MHz		Y2	XTAL_3225	XTAL_1	1