

The Sapling Company, Inc. (SAP)

CCA, RF Module 2.4GHz for Digital Clocks

D-PCB-MOD-24G-1		PCB For RF MODULE 2.4GHz BD Fo	1.00
LINE	COMPONENT	DESCRIPTION	U/M
1	E-CCHF10UF10V12	CER CAP, High-Freq 10 UF 10V+8	1.00
2	E-CR26MHZ-16PF	CRYSTAL, 4-PIN, 26 MHZ, 16PF,	1.00
3	E-DO-NOT-POP	Do Not Populate Component	3.00
4	E-ICCC2500RTKR	IC RF TXRX SNGL-CHIP LP 20-QFN	1.00
5	E-INBLM15HB221S	Chip Ferrite Bead, 220 OHM 250	2.00
6	E-INLQW15AN1N5B	INDUCTOR,0402, 1.5NH,1000mA,+/-	1.00
7	E-CCHF1PF50V402	CER CAP, Hi-Freq 1.0 PF 50V+/-0.1PF 040	2.00
8	E-CONMR2X7TH0.1	CON,RM,2X7,0.1	1.00
9	E-R100-5%0402	RES 100 OHM 5% 1/10W 0402 SMD	9.00
10	E-R56K1%0402	RES 56K OHM 1% 1/10W 0402 SMD	1.00
11	E-R0-5%0402	RES 0 OHM 5% 1/16W 0402 SMD	2.00
12	E-R4.3K1%0402	RES 4.3K OHM 1/10W 1% 0402 SMD	1.00
13	E-INLQW15AN4N3C	INDUCTOR,0402, 4.3NH,750mA,+/-	2.00
14	E-CCHF220PF50V4	CER CAP, High-Freq 220 PF 50V+	3.00
15	E-CCHF6.8PF50V4	CER CAP, High-Freq 6.8 PF 50V+	1.00
16	E-CCHF0.7PF50V4	CER CAP,Hi-Freq, 0.7 PF 50V+/-0.05pF 0	1.00
17	E-CCHF.1UF10V42	CER CAP, High-Freq 0.1 UF 10V	5.00
18	E-CCHF27PF50V42	CER CAP, High-Freq 27 PF 50V+/-	14.00
19	E-CCHF100PF50V4	CER CAP, High-Freq 100 PF 50V+	3.00
20	E-CCHF1UF50V805	CER CAP, High-Freq 1 UF 50V+/-	1.00
21	E-CCHF9.1PF50V4	CER CAP, High-Freq, 9.1 PF 50V	2.00
22	E-ICCC2591RGV	IC RF FRONT END 2.4GHZ 16QFN	1.00
23	E-ICNCP551SN33T	IC REG LDO 150MA 3.3V SOT23-5	1.00
24	E-CCHF15PF50V42	CER CAP, High-Freq 15 PF 50V+/-	1.00
25	E-CCHF1000PF50V	CER CAP, High-Freq,1000 PF 50V	3.00
26	E-CCHF2.2UF6.3V	CER CAP, High-Freq 2.2 UF 6.3V	2.00
27	E-CCHF1.5PF50V4	CER CAP, High-Freq, 1.5 PF 50V	1.00
28	E-INLQG15HS5N1S	INDUCTOR,0402, 5.1NH,300mA,+/-	1.00
29	E-INLQG15SH1N1S	INDUCTOR,0402, 1.1NH,300mA,+/-	1.00
30	E-FL748112024	RF Filter, Low Pass WE-LPF	1.00
31	E-INLQG15HS3N3S	INDUCTOR,0402, 3.3NH,300mA,+/-0.3	1.00
32	E-INLQG15HS2N7S	INDUCTOR,0402, 2.7NH,300mA,+/-0.3	1.00

D-CCA-MOD-24G-1

REV 2a

5/23/2013

Item: 1

LOCATION	ON HAND
C27	
Y1	
FL2,J1,R4	
U1	
L3,L4	
L1	
C7,C40	
J2	
R5,R6,R7,R8,R9,R10,R11,R12,R13	
R2	
R3,R14	
R1	
L5,L6	
C1,C4,C16	
C8	
C9	
C6,C12,C13,C15,C28	
C17,C18,C19,C22,C23,C24,C25,C26,C30,C33,C34,C35,C36,C39	
C11,C20,C31	
C29	
C37,C38	
U2	
U3	
C14	
C2,C3,C5	
C21,C32	
C10	
L7	
L8	
FL1	
L2	
L9	

PART NUMBER		MANUFACTURER	
GRM329F51A106ZA01D		Murata	
ABMM2-26.000HMZ-16-1-B1-T		Abracon Corporation	
XXXXX		XXXXX	
CC2500RTKR		Texas Instruments	
BLM15HB221SN1D		Murata Electronics North America	
LQW15AN1N5B00D		Murata Electronics North America	
GJM1555C1H1R0BB01D		Murata	
TSW-107-08-T-D-RA		Samtec Inc	
RC0402JR-07100RL		Yageo	
RC0402FR-0756KL		Yageo	
RC0402JR-070RL		Yageo	
RC0402FR-074K3L		Yageo	
LQW15AN4N3C00D		Murata Electronics North America	
GRM155R71H221KA01D		Murata Electronics North America	
CBR04C689D5GAC		Murata Electronics North America	
GJM1555C1HR70WB1D		Murata	
C0402C104K8RACTU		Kemet	
500R07S270JV4T		JOHANSON TECHNOLOGY INC (VA)	
GRM1555C1H101JZ01D		Murata Electronics North America	
GRM21BR71C105KA01L		Murata Electronics North America	
GJM1555C1H9R1CB01D		Murata Electronics North America	
CC2591RGVR		Texas Instruments	
NCP551SN33T1G		ON Semiconductor	
GJM1555C1H150JB01D		Murata	
GRM1555C1H102JA01D		Murata	
GRM155R60J225ME15D		Murata	
GJM1555C1H1R5CB01D		Murata Electronics North America	
LQG15HS5N1S02D		Murata	
LQG15HS1N1S02D		Murata	
748112024		WURTH ELECTRONICS	
LQG15HS3N3S02D		Murata	
LQG15HS2N7S02D		Murata	