

ActiveAnt_Dual Revision: 3b

Bill Of Materials June 13,2011 13:47:04

Item	Quantity	Reference	Part	PCB Footprint	Part Number	Manufacturer	Distributor	Distributor Num
1	4	C1,C2,C18,C25	100p	SM\603	ECJ-1VC1H101J	Panasonic	Digikey	PCC101ACVTR-ND
2	14	C3,C6,C8,C9,C10,C11,C16, C21,C22,C23,C24,C32,C35, C36	1000p	SM\603	ECJ-1VC1H102J	Panasonic	Digikey	PCC2151TR-ND
3	4	C4,C5,C30,C33	47p	SM\603	ECJ-1VC1H470J	Panasonic	Digikey	PCC047CVTR-ND
4	2	C7,C31	18p	SM\603	GRM1885C1H180FA01D	Murata	Mouser	81-GRM1885C1H180FA
5	8	C12,C13,C14,C17,C27,C28, C29,C34	0.1u	SM\603	ECJ-1VB1C104K	Panasonic	Digikey	PCC1762TR-ND
6	2	C15,C26	0.47u	SM\603	ECJ-1VB0J474K	Panasonic	Digikey	PCC1911TR-ND
7	2	C19,C37	22pF	SM\603	GRM1885C1H220FA01D	Murata	Mouser	81-GRM39C220F50
8	2	C20,C38	39pF	SM\603	GRM1885C1H390FA01D	Murata	Mouser	81-GRM1885C1H390FA
9	8	D1,D2,D3,D4,D5,D6,D7,D8	1N4148W	1N4148W	1N4148W-TP	Micro Commercial	Digikey	1N4148WTPMSTR-ND
10	4	H1,H2,H3,H4	ANTENNA	60MILLHOLE				
11	2	J1,J2	Coax	SMA	132134	Amphenol		
12	8	L1,L3,L6,L10,L11,L13,L17, L18	470n	2012	0805CS-471XJBB	Coilcraft	coilcraft.com	
13	4	L2,L4,L7,L12	270n	0805A	ELJ-NDR27JF	Panasonic	Digikey	PCD1177CT-ND
14	2	L5,L14	220n	2012	0805CS-221XGLC	Coilcraft	coilcraft.com	
15	4	L8,L9,L15,L16	68nH	2012	0805CS-680XGLC	Coilcraft	coilcraft.com	
16	4	Q1,Q2,Q3,Q4	MMST3906	SOT23-3	MMBT3906-7	Diodes Inc.	Digikey	MMBT3906DITR-ND
17	4	R1,R2,R15,R24	10k	SM\603	ERJ-3EKF1002V	Panasonic	Digikey	P10.0kHTR-ND
18	4	R3,R4,R23,R28	47.5	SM\603	ERJ-3EKF47R5V	Panasonic	Digikey	P47.5HTR-ND
19	8	R5,R6,R7,R8,R20,R21,R25, R26	1.21k	SM\603	ERJ-3EKF1211V	Panasonic	Digikey	P1.21kHTR-ND
20	4	R9,R10,R16,R17	294	SM\603	ERJ-3EKF2940V	Panasonic	Digikey	P294HTR-ND
21	4	R11,R12,R18,R19	32.4	1206	ERJ-8ENF32R4V	Panasonic	Digikey	P32.4FTR-ND
22	2	R13,R22	487	SM\603	ERJ-3EKF4870V	Panasonic	Digikey	P487HTR-ND
23	2	R14,R27	511	SM\603	ERJ-3EKF5110V	Panasonic	Digikey	P511HTR-ND
24	2	T1,T2	WBC1-1LB	WBC1-1LB	WBC1-1LB	Coilcraft	coilcraft.com	
25	4	U1,U2,U3,U4	ATF-54143	SOT-343	ATF-54143	Avago Technologies	avnet.com	