

D2D Module P3 BOM

Jun 29 2007

Item	Qty	Reference	Part	Discription	Package	Reference P/N
1	5	C57,C58,C61,C62,C86	0.5pF	Ceramic Capacitor, SMD,0402, 0.5pF, NPO, 25V, ±5%	0402	
2	5	C49,C50,C53,C54,C79	1pF	Ceramic Capacitor, SMD,0402, 1pF, NPO, 25V, ±5%	0402	
4	2	C59,C75	2.2pF	Ceramic Capacitor, SMD,0402,2.2pF, NPO, 25V, ±5%	0402	
5	1	C37	4.7pF	Ceramic Capacitor, SMD,0402, 4.7pF, NPO, 25V, ±5%	0402	
6	25	C1,C2,C3,C4,C9,C10,C18, C19,C20,C21,C22,C23,C24, C25,C35,C45,C52,C65, C73,C74,C81,C82,C84,C85,C87	10pF	Ceramic Capacitor, SMD,0402, 10pF, NPO, 25V, ±5%	0402	
7	1	C76	15pF	Ceramic Capacitor, SMD,0402, 15pF, NPO, 25V, ±5%	0402	
8	2	C27,C28	20pF	Ceramic Capacitor, SMD,0402, 20pF, NPO, 25V, ±5%	0402	
9	1	C38	22pF	Ceramic Capacitor, SMD,0402, 22pF, NPO, 25V, ±5%	0402	
10	4	C36,C43,C55,C56	33pF	Ceramic Capacitor, SMD,0402, 33pF, NPO, 25V, ±5%	0402	
11	5	C34,C39,C44,C48,C66	100pF	Ceramic Capacitor, SMD,0402, 100pF, NPO, 25V, ±5%	0402	
12	1	C42	680pF	Ceramic Capacitor, SMD,0402, 680pF, X7R, 16V, ±10%	0402	
13	12	C12,C13,C14,C15,C16,C17, C40,C41,C63,C64,C67,C68	10nF	Ceramic Capacitor, SMD,0402, 10nF, X7R, 16V, ±10%	0402	
14	5	C6,C7,C8,C11,C26	47nF	Ceramic Capacitor, SMD,0402, 47nF, X7R, 16V, ±10%	0402	
15	2	C47,C51	100nF	Ceramic Capacitor, SMD,0402, 100nF, X7R, 16V, ±10%	0402	
16	2	C5,C83	10uF	SMD, 10uF, 16V, Tant Cap, CaseA	CASE-A	AVX/TAJA106K016X
17	2	C33,C46	22uF	Chip Monolithic Ceramic Capacitor, SMD,0805, 22uF, X5R, 6.3V	0805	MURATA/GRM21BR60J226M
18	1	C88	470uF	SMD, 470uF, 4V, Tant Cap, 20%,Case-D	CASE-D	NEC/TEESVD0G477M12R
19	8	R52,R53,R54, R57,R59,R60,R61,R62	0 ohm	RESISTOR, SMD,0402,0 OHM, 1/16W, ±1%	0402	
20	2	R34,R45	0 ohm	RESISTOR, SMD,0603,0 OHM, 1/10W, ±1%	0603	
21	2	R58,R1	10 ohm	RESISTOR, SMD,0402, 10, 1/16W, ±1%	0402	
22	14	R2,R3,R4,R5,R7,R8,R9,R10, R11,R12,R13,R14,R15,R16	33 ohm	RESISTOR, SMD,0402, 33, 1/16W, ±1%	0402	
23	4	R41,R42,R48,R49	1K	RESISTOR, SMD,0402, 1K, 1/16W, ±1%	0402	
24	4	R35,R36,R43,R44	1.8K	RESISTOR, SMD,0402, 1.8K, 1/16W, ±1%	0402	
25	1	R40	2.2K	RESISTOR, SMD,0402, 2.2K, 1/16W, ±1%	0402	
26	2	R27,R29	3.3K	RESISTOR, SMD,0402, 3.3K, 1/16W, ±1%	0402	
27	1	R37	6.8K	RESISTOR, SMD,0402, 6.8K, 1/16W, ±1%	0402	
28	6	R18,R19,R38,R39,	10K	RESISTOR, SMD,0402, 10K, 1/16W, ±1%	0402	

		R46,R47				
29	1	R6	82K	RESISTOR, SMD,0402, 82K, 1/16W, ±1%	0402	
30	2	L9,L10	2.7nH	Wire Wound Ceramic-SMD-Inductor ,SMD,0402,2.7nH±0.3nH	0402	Murata/LQW15AN2N7C00
31	3	L3,L5,L8	4.7nH	Wire Wound Ceramic-SMD-Inductor ,SMD,0402,4.7nH±0.3nH	0402	Murata/LQW15AN4N7C00
32	1	L6	5.6nH	Wire Wound Ceramic-SMD-Inductor ,SMD,0402,5.6nH±0.3nH	0402	Murata/LQW15AN5N6C10
33	1	L1	FBMH1608-HM221-T	FERRITE BEAD, SMD, 220 ohm @100MHz,0603	0805	FBMH1608-HM221-T
34	1	J1	CON26, Flat	26-Pin Connector,Flat,Dual Connect,0.5mm		Molex/52689-2687
35	1	U1	DWAM79	STS Wireless Audio Processor	TQFP-64	STS/DARR79
36	1	U4	MAX2831	2.4GHz 802.11b/g RF transceiver	QFN-48	MAXIUM/MAX2831ETM
37	1	U5	uPG2035T5F	Broadband GaAs MMIC DPDT Switch for 2.4 GHz AND 5 GHz WLAN	QFN-12	NEC/uPG2035T5F
38	1	Y2	22MHz	SM Crystal 22.0MHz,SMD,20pF,±10ppm@-10~70°C	5*3.2*1.0mm	Mercury/MJ-22.000MHZ-CL20p,+/-10ppm
39	1	Y1	12.288MHz	SM Crystal 12.288MHz,SMD,20pF,±10ppm@-10~70°C	5*3.2*1.0mm	Mercury/MJ-12.288MHZ-CL20p,+/-10ppm

Note:

1.Components not mounted on P3 sample are not included in this BOM.