

Parts List for Assembly P/N: 10542B

Printed 4/26/2007

10542B

Create BAM Bluetooth Adapter PCB Assembly
B

Type	PL	Package
Revision	B	Temp
Status	U	Hmax (mm)
Date	2/23/2007	ROHS
By		Pin Qty

Item	Qty	P/N	Title	Detail	Reference(m)	Mfr	Mfr P/N
1	2	10007	Dual Diode Comn C/A, Vbr 70V, If 200mA, Rr 6 nS	SOT-23	D1, D3	ON Semiconductor	MMBD7000LT1G
2	1	10539-57.6K-A	Class 1 BlueTooth Module 15.2 x 22.2mm SMT	SPP 57.6 kbps, Full Power, Name "Element Serial"	U1	Modulestek Inc.	MB-C04-1
3	1	10543	2.4GHz LTC Chip Antenna 6.5x2.2x1.0mm	SMT	ANT1	Rainsun Corporation	AN6520-245
4	1	10544-60V-NA/4.0/2.5R-50PF	N Channel MOSFET SOT-23	Vds 60, Rds NA/4.0/2.5mOhm @ 200mA, Cin 50pF	Q1	Unisonic Technologies Co., Ltd.	2N7002L-AE3-R
5	1	10555-3.3V	Fixed Low Drop Linear Voltage Regulator	3.3V, SOT23-5	U2	Unisonic Technologies Co., Ltd.	LD2985-3.3V
6	1	206-104	0603 1/16W 5% Film Res Ind Temp 50Vpp	100K	R1	Yageo America	RC0603JR-07100KL
7	1	206-242	0603 1/16W 5% Film Res Ind Temp 50Vpp	2.4K	R8	Yageo America	RC0603JR-072K4L
8	2	206-331	0603 1/16W 5% Film Res Ind Temp 50Vpp	330	R6, R7	Yageo America	RC0603JR-07330RL
9	2	206-472	0603 1/16W 5% Film Res Ind Temp 50Vpp	4.7K	R4, R9	Yageo America	RC0603JR-074K7L
10	1	206-473	0603 1/16W 5% Film Res Ind Temp 50Vpp	47K	R5	Yageo America	RC0603JR-0747KL
11	1	462-104	0603 Y5V -20/+80% Ceramic Cap 25V Com Temp	0.1uF / 100nF / 100,000pF	C12	Yageo America	CC0603ZRY5V8BB104
12	3	502-475	1206 Y5V -20/+80% Ceramic Cap 25V Com Temp	4.7uF	C1, C2, C3	Murata	GRM31MF51E475ZA01L
13	1	604-20S	.1"/2.54mm Spacing Straight Dual Female Header	2x10 SMT, 7.25 +/- .25mm Tall	J1	Corex Interwest Inc	1810-210-200-020
14	1	667-25MA	DB Solder Tail Connector	25 Pin Male	P1	Corex Interwest Inc	1165-025-101-000
15	1	704-REDA	LED 1206 (3.2 x 1.6mm) SMT Ind temp	Red Diffuse Flat Lens	D2	Waitrony Co Limited	WS3216RSD

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Item	Qty	P/N	Title	Detail	Reference(m)	Mfr	Mfr P/N
16	8	DNI	DNI	Do Not Install	C7, C8, FD1, FD2, FD3, FD4, FD5, FD6, P2		
17	1	10541F	Create Bluetooth Adapter Module (BAM) PCB	36x34.5mm (1.42"x1.36"), 2 Layers of Copper			
18	1	682-25BLK25	DB Connector Housing	Double 25 Pin to 25 Pin, Black ABS Plastic		Li Fa Shun Intl Co., Ltd.	120-25B-1
19	1	10558	Clear Plastic LED Light Pipe	15x6mm, 2.4mm dia		Kang Yang Enterprises	LEM-2