

SUNITEC ENTERPRISE CO.,LTD

BOM

Product Type		Bluetooth Module		Product Name	BM153	Page Number		Page 1 of 1		
File NO		FHY-WD-08-01-048		Date	2010/5/6	Department		R&D	Version	V9.0
SN	Part Number		Manufacturers Part Number	Description and Value		Package	Qty	Ref	Manufacturer	Cost
Integrate circuit										
1	EI0-C57E687CG12		BC57E687C-GITB-E4	BC05 Multimedia External		LFBGA	1	U1		
2	EI0-SST39VF1602		SST39VF1601-90-4C-B3KE	Flash Memory(16MB,3V3)		48-ball FBGA	1	U2		
	EI0-T39VF160102		SST39VF1601-70-4C-B3KE	Flash Memory(16MB,3V3)		48-ball FBGA				
	EI0-X29LV160CB2		MX29LV160CBXBC-70G	Flash Memory(16MB,3V3)		48-ball FBGA				
	EI0-6D90BF10202		S29AL016D90BFI02	Flash Memory(16MB,3V3)		48-ball FBGA				
	EI0-S29AL016J02		S29AL016J70BFI020	Flash Memory(16MB,3V3)		48-ball FBGA				
RF										
3	EA0-BL201205K20		BL2012-05K2450	SMD Balun		2012	1	T1		
	EA0-CBA47117140		CBA4711714002454K	SMD Balun		2012				
4	EA0-BF2012F2R40		BF2012-F2R4DAATKF	Bandpass filter		2012	1	F1		
	EA0-CFL41117140		CFL4111714032454K	Bandpass filter		2012				
Capacitor										
5	ECS-04022P20GCC		C1005COG1H2R2CT	Ceramic Capacitor(COG) 2p2 ±0.25pF 50V		0402	2	C15,C16		
6	ECS-040206P8GC0		C1005COG1H6R8CT	Ceramic Capacitor(COG) 6.8p ±0.25% 50V		0402	1	C10		
7	ECS-0402045PGJC		C1005COG1H150DT	Ceramic Capacitor(COG) 15p ±5% 50V		0402	2	C6,C17		
8	ECS-0402018PGJ0		C1005COG1H180J	Ceramic Capacitor(COG) 18p ±5% 50V		0402	1	C11		
9	ECS-0402010NGKX		C1005X7R1C103ZT	Ceramic Capacitor(X7R) 10n ±10% 50V		0402	4	C4,C5,C8,C14		
10	ECS-0402022NDK0		C1005X7R1C223ZT	Ceramic Capacitor(X7R) 22n ±10% 50V		0402	1	C12		
11	ECS-0402047NGK0		C1005X7R1C473ZT	Ceramic Capacitor(X7R) 47n ±10% 50V		0402	1	C13		
12	ECS-06032U20AZ0		C1608Y5V1A225Z	Ceramic Capacitor(X5R) 2u2 +80,-20% 6.3V		0603	4	C2,7,C9,C18		
13	ECS-0805010UBZ0		C2012X5R1A106Z	Ceramic Capacitor(X5R) 10u +80,-20% 6.3V		0805	1	C3		
Resistor										
14	ERS-04022R200J0		MCR01MZSJ2R2E	Thick Film Resistor 2R2 ±5%		0402	3	R1,R2,R3		
Inductor										
15	ELS-0806022U0K0		LQH2MCN220K02L	Thick Film Inductor 22u ±10%		0806	1	L1		
16	ELS-040203N30F0		LQP15MN3N3B02	Thick Film Inductor 3.3n ±0.1		0402	2	L2, L3		
17	ELS-0402022N0J0		LQP15MN22NG02	Thick Film Inductor 22n ±5%		0402	1	L4		
Crystal										
18	EJ0-3D02D526000		TN4-25886	SMD Crystal 26MHz ±10ppm		3*2.5	1	X1		
19	EJ0-3D02D526000		7M26000056	SMD Crystal 26MHz ±10ppm 9pF		3.2*2.5mm				
20	EJ0-3D02D526001		HSX321S	SMD Crystal 26MHz ±10ppm 9pF		3.2*2.5mm				
PCB										
21	EPB-BM150V2D0000		PCB-BM150-V2.0	Bare pcb , sided 0.6mm thick FR4			1			
Prepared By				Approved By				Approved By		