

Product Name		BM153		Product Category	Bluetooth Module	Page		Page 1 of 1		
Document Number		FHY-WD-08-01-048		Release date	2010-5-6	Published department		R & D	Revision	V9.0
No.	Component Number	Vendor part numbers	Component specifications describe		Package	The amount	Component locations	Manufacturer	Price	
Integrate circuit										
1	EI0-C57E687CG12	BC57E687C-GITB-E4	BC05 Multimedia External		LFBGA	1	U1	CSR		
2	EI0-SST39VF1602	SST39VF1601-90-4C-B3KE	Flash Memory		48-ball FBGA	1	U2			
	EI0-T39VF160102	SST39VF1601-70-4C-B3KE	Flash Memory		48-ball FBGA					
	EI0-X29LV160CB2	MX29LV160CBXBC-70G	Flash Memory		48-ball FBGA					
	EI0-6D90BF10202	S29AL016D90BFI02	Flash Memory		48-ball FBGA					
	EI0-S29AL016J02	S29AL016J70BFI020	Flash Memory		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		Ceramic Capacitor(COG) 2p2 ±0.25pF 50V		0402	2	C15,C16			
6	ECS-040206P8GC0		Ceramic Capacitor(COG) 6.8p ±0.25% 50V		0402	1	C10			
7	ECS-0402045PGJC		Ceramic Capacitor(COG) 15p ±5% 50V		0402	2	C6,C17			
8	ECS-0402018PGJ0		Ceramic Capacitor(COG) 18p ±5% 50V		0402	1	C11			
9	ECS-0402010NGKX		Ceramic Capacitor(X7R) 10n ±10% 50V		0402	4	C4,C5,C8,C14			
10	ECS-0402022NDK0		Ceramic Capacitor(X7R) 22n ±10% 50V		0402	1	C12			
11	ECS-0402047NGK0		Ceramic Capacitor(X7R) 47n ±10% 50V		0402	1	C13			
12	ECS-06032U20AZ0		Ceramic Capacitor(X5R) 2u2 +80,-20% 6.3V		0603	4	C2,7,C9,C18			
13	ECS-0805010UBZ0		Ceramic Capacitor(X5R) 10u +80,-20% 6.3V		0805	1	C3			
Resistor										
14	ERS-04022R200J0		Thick Film Resistor 2R2 ±5%		0402	3	R1,R2,R3			
Inductor										
15	ELS-0806022U0K0		Thick Film Inductor 22u ±10%		0806	1	L1			
16	ELS-040203N30F0		Thick Film Inductor 3.3n ±0.1		0402	2	L2, L3			
17	ELS-0402022N0J0		Thick Film Inductor 22n ±5%		0402	1	L4			
Crystal										
18	EJ0-3D02D526000	TN4-25886	SMD Crystal 26MHz ±10ppm		3*2.5	1	Y1			
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	FR4 Four-layer board FR4:0.6mm			1				