



SUNITEC ENTERPRISE CO.,LTD
(BOM)

Product Type		Bluetooth Speakerphone		Product Name	BC900	Page Number		Page 1 of 2		
File NO		FHY-WD-08-01-156		Date	2008/11/14	Department		R&D	Version	V2.0
SN	Part Number	Manufacturers Part Number	Description and Value			Package	Qty	Ref	Manufacturer	Cost
Integrate Circuit										
1	EI0-XC6204B3322	XC6204B332MR	3.3V LDO			SOT-25	1	U2		
	EI0-ID930133A50	iD9301-33A50	3.3V LDO			SOT-25				
2	EI0-TP405400002	TP4054	4.2V Charge IC			SOT-25	1	U6		
3	E33-BSS13800020	BSS138	N-CHANNEL ENHANCEMENT BSS138			SOT-23	1	Q1		
4	EI0-TPA2010D102	TPA2010D1YZFT	Power Amplifier			WCSP	1	U5		
5	SBM-BM15300000A	BM153	Bluetooth CLASS 2 module			SOP60	1	U3		
6	EI0-FSA4157AP67	FSA4157AP6X	1Ω SPDT Analog Switch			SC70	1	U9		
	EI0-NLAS4157DF2	NLAS4157DFT2G	1Ω SPDT Analog Switch			SC70		U9		
7	EI0-24AA256ISN2	24AA256	EEPROM			SOP8	1	U7		
Capacitor										
8	ECT-100UAB000M0		Solid Tantalum Capacitor 100uF 6.3V B model ±20%			CAP3528	1	C28		
9	ECS-0805010UBZ0		Ceramic Capacitor 106 10V +80/-20%			CAP0805	4	C15,C20, C21,C37		
10	ECS-0603001UBZ0		Ceramic Capacitor 105 10V +80/-20%			CAP0603	1	C10		
11	ECS-0603220NDZY		Ceramic Capacitor 224 16V +80/-20%			CAP0603	3	C1,C2,C11		
12	ECS-0603100NBZ0		Ceramic Capacitor 104 10V +80/-20%			CAP0603	11	C7,C8,C13,C14,C16,C17, C18,C19,C22, C25,C26		
13	ECS-0603015PDJ0		Ceramic Capacitor 15P 16V ±5%			CAP0603	3	C6,C9,C27		
Inductor										
14	ELS-060300R10J0	R10	INDICTOR			L0603	7	L1,L2,L3,L4,L5,L6,L7		
Risistor										
15	ERS-0402000R0J0		Thick Film Resistor 000R ±5%			RES0402	1	C5		
16	ERS-0603100R0J0		Thick Film Resistor 100R ±5%			RES0603	1	R8		
17	ERS-0603470R0J0		Thick Film Resistor 470R ±5%			RES0603	2	R13,R14		
18	ERS-06032K200J0		Thick Film Resistor 2.2K ±5%			RES0603	5	R5,R22,R31,R33,R34		
19	ERS-0603010K0J0		Thick Film Resistor 10K ±5%			RES0603	1	R15		
20	ERS-060336K00J0		Thick Film Resistor 36K ±5%			RES0603	2	R2,R3		
21	ERS-0603047K0J0		Thick Film Resistor 47K ±5%			RES0603	6	R1,R17,R18,R21,R23, R24		
22	ERS-0603100K0J0		Thick Film Resistor 100K ±5%			RES0603	3	R4, R10,R35		
23	ERS-0603150K0J0		Thick Film Resistor 150K ±5%			RES0603	1	R26		
Other Parts										
24	ERS-0603220K0J0		Thick Film Resistor 220K ±5%			RES0603	2	R6,R25		
25	E2E1206IN41480	1N4148	SMD Diode			DIO1206	2	D1,D2		
26		PMEG2005AEA	Schottky Diode			SOD323	2	D3,D4		
Prepared By				Approved By				Approved By		

