

## SUNITEC ENTERPRISE CO.,LTD (BOM)

Product Type		Bluetooth Speakerphone		Product Name	BC900	Page Numb	er	Page 1 of 2		
File NO		FHY-WD-08-01-156		Date	2008/11/14	Departmen	nt	R&D	Version	V2.0
SN	SN Part Number		Manufacturers Part Number		Description and Value	Package	Qty	Ref	Manufacturer	Cost
Integ	rate 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		
Capa	citor									
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 Capa	acitor 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		
Indu	ctor									
14	ELS	-060300R10J0	R10	INDICTOR		L0603	7	L1,L2,L3,L4,L5,L6,L7		
Risi	stor									
15	ERS	5-0402000R0J0		Thick Film R	esistor 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			
Othe	r Parts									
24	ERS-0603220K0J0			Thick Film Resistor 220K ±5%		RES0603	2	R6,R25		
25	E2E	E1206IN41480	1N4148	SMD Diode		DIO1206	2	D1,D2		
26			PMEG2005AEA	Schottky Dio	de	SOD323	2	D3,D4		
Prepared By			_	Approved By	_		Appr	oved By	-	



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	E2E	E2E-0603B0530S0 B0530WS		Schottky Diode		SOD323		D3,D4		
27	E2F-0603000B000		BLUE LED	SMD Blue LED		DIO0603	1	BLUE		
28	E2F0603000R000		RED LED	SMD Red LED		DIO0603	1	RED		
29	EKQ-0063D52D502 TS-3613_SMT		TS-3613_SMT	SMD Tact Switch		6*3.5*2.5mm	3	SW1,SW2,SW3		
30	EKQ-7D84D23D502 TS-3611_SMT		SMD Tact Switch		7.8*4.2*3.5mm	1	SW4			
31	EW0-MIOCR05PSMT		SMT Micro USB 5PIN		8*5*2.7mm	1	USB1			
32	EPB-BC900V2D000 PCB_BC900_V2.0		Bare pcb , double sided 0.8mm thick FR4			1				
33		-43M56050600	JGN6643-M5-60		l board 5V 60mA	43*66*2.5mm	1	J1		
34	EM0-40153042D22 EM4015P-42BC10&33-G		EM4015P-42BC10&33-G	MIC -42dB±2dB(0db=1Vpa) 2V 2.2K		Ф4*1.5mm	1	MIC1		
35	ES0-	ES0-040004001W0 P40M204-1-R		4R/1W Speaker		Ф40mm	1			
36		-JYM688B5500	JY-M688	Battery 3.7V550mAh		40. 5*32. 5*4. 4mm	1	BATT1		
37	EX0	0-00012503520		Electron wire		Ø1.0×35mm	2			
Li	icense									
38			CVC Licence				/			
39			TTS Licence				/			
40			PBAW Licence				/			
Prepared By			Approved By		Approved By					
			11			TP				