

SUN FU CHEONG ELECTRONICS CO.LTD.

BILL OF MATERIAL

SHEET 1 OF 6

FCC ID:O96WRC2000

REV.01

MODEL NO: WRC-001

DATE: 7-8-08

MODEL NAME: WEATHER RADIO CONVERTER

ORDER NO:

PREPARED BY: DATE
CHECKED BY: DATE
ISSUED BY: DATE
RECEIVED BY: DATE
APPROVED BY: DATE

SAMPLE

TOTAL SET

ITEM	PART NAME	MATERIAL	DESCRIPTION	QTY PER SET	ISSUED	SHORTAGE	REMARK
1.	CHIP RESISTOR	10-OHM	0603 ±0.5%	1			R32
2.		47-OHM		1			R5
3.		56-OHM		1			R14
4.		100-OHM		3			R6,13,16
5.		150-OHM		1			R50
6.		470-OHM		2			R3,41
7.		1K-OHM		3			R9,19,48
8.		1.5K-OHM		2			R22,40
9.		2.2K-OHM		3			R15,17,35
10.		4.7K-OHM		2			R36,37
11.		5.6K-OHM		1			R12
12.		8.2K-OHM		1			R7,20
13.		10K-OHM		3			R34,38,47
14.		15K-OHM		1			R29
15.		6.8K-OHM		2			R33,43
16.		22K-OHM		2			R27,30
17.		27K-OHM		1			R24
18.		33K-OHM		1			R25
19.		82K-OHM		1			R23
20.		47K-OHM		3			R1,10,18
21.		100K-OHM		11			R4,11,21,26,39,42,44,45,46,51,52
22.		330K-OHM		1			R49
23.		470K-OHM		1			R2
24.		1M-OHM		1			R8
25.		150K-OHM		1			R28
26.		560K-OHM		1			R53

220K 220K

R31

UNIT PRICE PER SET

TOTAL PRICE

SUNFU CHEONG ELECTRONICS CO LTD.
BILL OF MATERIAL

SHEET 2 OF 6

PREPARED BY :
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MODEL NO: WRC-601
MODEL NAME: WEATHER RADIO CONVERTER
ORDER NO:

APPROVED BY :

TOTAL:

SET

ITEM	PART NAME	MATERIAL DESCRIPTION	QTY PER SET	ISSUED	SHORTAGE	REMARK
27.	CHIP CERAMIC CAP	0.5PF 0603 50V +/-5% (NPO)	1			C29
28.		3PF 0603 50V +/-5% (NPO)	3			C5,28,61
29.		5PF 0603 50V +/-5% (NPO)	4			C4,25,36,58
30.		6PF 0603 50V +/-5% (NPO)	1			C61
31.		7PF 0603 50V +/-5% (NPO)	1			C31
32.		10PF 0603 50V +/-5% (NPO)	1			C59
33.	<i>OK</i>	12PF 0630 50V +/-5% (NPO)	1			C75 62
34.		15PF 0603 50V +/-5% (NPO)	3			C1,3,11
35.		18PF 0603 50V +/-5% (NPO)	1			C26
36.		22PF 0603 50V +/-5% (NPO)	6			C15,51,42,64,46,79
37.		33PF 0603 50V +/-5% (NPO)	1			C65
38.		39PF 0603 50V +/-5% (NPO)	1			C57
39.		68PF 0603 50V +/-5% (NPO)	1			C52
40.		100PF 0603 50V +/-5% (NPO)	1			C34
41.		120PF 0603 50V +/-5% (NPO)	1			C55
42.		680PF 0603 50V +/-5% (NPO)	1			C40
43.		0.1UF 0603 50V +/-20%	11			C12,20,35,36,49,53,54,56,57,78,81
44.		0.01UF 0603 50V +/-20%	10			C8,16,38,39,42,45,50,60,66,74
45.		0.001UF 0603 50V +/-20%	15			C6,14,17,19,22,23,27,32,48,63,71
46.		47PF 50V +/-5% (NPO)	1		66	72,73,76,80
47.		0.0022UF 0603 50V +/-20%	1			C18
48.		0.0033UF 0603 50V +/-20%	1			C43
49.						
50.	ELECT CAP	0.33UF 10V +/-20% (MINI) (3X5)	1			C44
51.		1UF 10V +/-20% (MINI) (3X5)	2			C21,33

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ITEM	PART NAME	MATERIAL DESCRIPTION	QTY PER SET	ISSUED	SET	SHORTAGE	REMARK
52.	ELECT CAP	10UF 10V +/-20% (MINI) (3X5)	7				C7,13,24,37,41,46,70
53.		220UF 16V +/-20% (MINI)	1				C27
54.		47UF 10V +/-20% (MINI) (3X5)	1				C47
55.							
56.	TRIMMER CAPACITOR	3-10PF 5MM +/-250PPM	1				VC100
57.							
58.	TRANSISTOR	2SC296Y SGT-23 TYPE (NPN)	4				Q6,9,10,12
59.		2SC1623L SOP-23 TYPE (NPN)	3				Q3,8,11
60.		2SA812A SOP-23 TYPE (NPN)	1				Q2
61.							
62.	FET	2SK210BL SOP-23 TYPE	2				Q4,5
63.		3SK131 SOP-23 TYPE	1				Q1
64.		2SK160 SOP-23 TYPE	1				Q7
65.							
66.	IFT	A001 IFT 5MM	1				VL5
67.		A473GH IFT 5MM	3				VL2,3,7
68.		A472BM IFT5MM	1				VL1
69.		A499 IFT/5MM	1				VL4
70.		A476 IFT/5MM	1				VL8
71.		A208 IFT/5MM	1				VL6
72.							
73.	REGULAR	78L03A TO-92	1				U2
74.							
75.	CMOS VOLTAGER REGULAR	HT-1030 TO-92 TYPE	1				U4
76.	SMD I.C	MC3361CD (SOP 16 PIN)	1				U1
77.	DUAL OP AMP I.C	LM358 (SOP 8 PIN) SMD TYPE	1				U3

TOTAL:

SET

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SHEET 4 OF 6

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MODEL NO: WRC-601
DATE: 7-8-00
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SH1

ITEM	PART NAME	MATERIAL DESCRIPTION	QTY PER SET	ISSUED	SHORTAGE	REMARK
78.	MICU	ONE SET FROM (SUZYNNY-HECTD)	1			
79.						
80.	SILICON DIODE	RLS135 LL-34 TYPE "ROTM"	1			D1
81.		LL4148 LL-34 TYPE	1			D2
82.						
83.	VARIABLE CAP DIODE	BB133 SOD-323	3			DV1,2,3
84.						
85.	V.R	10KB +/-20% SMD TYPE	2			VR1,2
86.		500KB +/-20% SMD TYPE	2			VR3,4
87.						
88.	L.E.D	3MM RED	1			LED1
89.						
90.	SLIDE SWITCH	IP3T SS-13D03VCG8	1			SW1
91.						
92.	ROD ANTENNA	TA-77058	1			ANT1
93.						
94.	CERAMIC FILTER	KBF-455P-15A	1			CF1
95.						
96.	CRYSTAL	10.7MHZ +/-10PPM HC-49H TYPE	1			X2
97.		10.245MHZ +/-10PPM HC-49SH TYPE	1			X1
98.		75KHZ +/-20PPM AT-200 TYPE	1			X100
99.						
100.	HEADER	2.0MM PITCH 9 PINS R/A TYPE HEADER P/N:W202H09G00	1			FOR SUB-PCB
101.		ZH1.5MM 6 PINS S/T TYPE (P/N:W150V06700)	1			FOR MAIN-PCB

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102.	PCB SOCKET	2.0MM PITCH, 9 PINS PCB SOCKET (R/A TYPE) P/N:W208H09100	1			FOR MCU
103.						
104.	HOUSING	6 PINS 2.11.5MM PITCH WITH JUMPER WIRE UL #1571 #32 1.60MM (P/N:62#60JW32L)	1			FOR SUB-PCB
105.						
106.	SHIELD WIRE	2 PINS ZH 1.5MM PITCH WHITE PVC SINGLE SHIELD WIRE DIA:1.3, L:60MM (P/N: 22H60SSW)	1			FOR VCO
107.						
108.	WAFER	2PIN P=1.5	2			
109.						
110.	CONNECTOR WIRE	UL 1007 AWG#28 (4+72+4)MM RED UL 1007 AWG#22 (180+4)MM YELLOW	1			FOR ANTI RX FOR ANT2 TX
111.			1			J4
112.		UL 1007 #26 AWG 3+49+3 (BLACK)	1			J4
113.		UL 1007 #26 AWG 3+74+3 (RED)	1			J5
114.						
115.	FIXED INDUCTOR	2MH EC-24 +/-10% CW8A-822761	1			L4
116.		10UH EC-24 +/-5%	2			L7,L0
117.		100UH EC-24 +/-5%	1			L9
118.						
119.	SPRING COIL	R5T X D3 X 0.5MM	2			
120.		R6T X D3 X 0.5MM	2			
121.		R3T X D3 X 0.5MM	1			
122.						
123.	P.C BOARD	75X34MM FR4 THK:1MM D/S (REV.1)	1			MAIN-PCB
124.		43X34MM FR4 THK:1MM D/S (REV.1)	1			SUB-PCB

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ITEM	PART NAME	MATERIAL DESCRIPTION	QTY PER SET	ISSUED	SET	REMARK
125.	SPRING WIRE #26	4.4X12.5X9(1/2)"	1			SAME AS CS-703
126.	BATTERY SPRING HEART TYPE 1.8MM		1			
127.	SHIELD PLATE		1			SAME AS CS-703
128.						
129.	BRASS CONTACT COLUMN MK-202		1			SAME AS CS-703
130.						
131.	SCREW	TS PH 1.4 X 4TA	2			FOR MCU PCB
132.		TS PH 2.6 X 12 TA	1			FOR CAB MTG
133.		TS PH 2.6 X 8 TA	1			FOR CAB MTG
134.	PLAIN WASHER	1D2.8 X O.D5.0 X 0.5MM	1			SAME AS CS-703
135.						
136.	PLASTIC CABINET	TOP CABINET	1			
137.		BOTTOM CABINET	1			
138.		SLIDE KNOB	1			
139.		LED HOLDER	1			
140.						
141.	CE LABEL	20X15MM	1			
142.	FUNCTION LABEL	25X20MM	1			
143.	QA & QC LABEL		1			
144.	DATE CODE LABEL		1			
145.	INSTRUCTION SHEET		1			
146.						
147.	BLISTER COVER		1			
148.	BLISTER CARD		1			
149.	INNER BOX		1 - ()			
150.	EXPORT CARTON		1 - ()			

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