

Parts List

(PCB level)

WB-94A-TX and WB-97-TX BOMs

revised: 17-Apr-00

Component	Description	ID	Tot Qty	Comments
<u>Printed Circuit</u>				
<u>Board</u>	CEM-1, 1-sided, 1oz Cu.	--	1	
<u>Antenna/PCB</u>				
	PCB trace (foil loop)	L1*	#	part of PCB
<u>Diodes</u>				
	Rect-signal, 1N4148,	D1	1	
<u>Capacitors</u>				
	Ceramic, 0.1uF, Y5V, 25V, radial	C1	1	
	Ceramic, 2.2pF, NPO, 50V, radial	C2	1	
	Ceramic, 5.6pF, 50V, 20%, radial	C3	1	
	Ceramic, 20pF, NPO, 50V, radial	C4	1	
	Ceramic, 4.7pF, NPO, 50V, radial	C5	1	
	Ceramic, 47pF, NPO, 50V, radial	C6	1	
	Ceramic, 2pF, NPO, 50V, radial	C7	1	
	Trim (var) -screw, 2 to 5 pF, 20%	C8 ("VC")	1	radial, 3-leg
<u>Inductors</u>				
(coils)	Coil, Wound, 1.5uH, axial	L1	1	Machine formed
<u>Resistors</u>				
	Carbon, 1/8W, 5%, 560K ohm	R1	--	not used, sets voltage
	Carbon, 1/8W, 5%, 1M ohm	R2	--	not used, sets voltage
	Carbon, 1/8W, 5%, 1.8M ohm	R3	1	
	Carbon, 1/8W, 5%, 56K ohm	R4	1	
	Carbon, 1/8W, 5%, 27K ohm	R5	1	
	Carbon, 1/8W, 5%, 22 ohm	R6	1	

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<hr/>				
<u>ICs</u>				
	Digital-CMOS, Custom--ROCO --(similar to Holtec-HD12E)	U1	1	14pin COB
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<u>Transistors</u>				
	Bipolar, Hi-freq, 2SC1923Y	Q2	1	TO-92
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<u>Misc.</u>				
	Battery clip, Positive, Spring steel	+BC	1	Battery contact terminals
	Battery clip, Negative, Spring steel	-BC	1	Battery contact terminals
	Battery, Alkaline, 12 V, type-A23	Batt	1	
	Switch-Dimple, momentary, sm	Sw1	1	
	Header, 8-pin Dual, plastic	PH1	1	
	Jumper plug, 2-pin, plastic	JPx	1--8	any combination from 1 to 8 (used to set channel codes)
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