

BM-0110148-3, Rev D
DRAFT
WILL • BURT, “NIGHT SCAN SERVLITE”
Hand-Held Transmitter PCB Assembly
11/14/2001, JBH
file BM-0010148-3RD.DOC

QTY	REF	Description	Mfg.	Part Number
3	C1~C3	Capacitor, 0.1μF,GMV, 50V,SMT 1206	AVX	12065E104ZAT2A
		C4 & C5 Omitted		
1	C6	Capacitor, 150pF, ±5%, 50V, SMT 0805	PANASONIC	ECJ-2VC1H151J
11	R1~R8,R10,R24, R25	Resistor, 20KΩ, ±5%,1/10W, SMT 0805	PANASONIC	ERJ-6GEYJ203
1	R9	Resistor, 510KΩ, ±5%, 1/10W, SMT 0805	PANASONIC	ERJ-6GEYJ514
9	R11~R16,R19, R20, R26	Resistor, 8.2KΩ, ±5%, 1/10W, SMT 0805	PANASONIC	ERJ-6GEYJ822
2	R17,R18	Resistor, 200KΩ, ±5%, 1/10W, SMT 0805	PANASONIC	ERJ-6GEYJ204
2	R21,R22	Resistor, 8.2Ω, SMT 0805	PANASONIC	ERJ-6GEYJ8.20
1	R23	Resistor, 130Ω, SMT 0805	PANASONIC	ERJ-6GEYJ131
4	D1~D4	Diode, Dual, Common Cathode, SOT-23	DIODES INC.	BAV70
1	Q1	Transistor, PNP, 60V, 600mA, SOT-23	DIODES INC	MMBT2907A
2	Q2,Q3	Transistor, NPN, DARL., , NPN, SOT-23	VISHAY	MMBTA13
1	U1	BCD Priority Encoder, 8 Bit, SOIC-16	MOTOTORLA	MC14532BD
1	U2	Parallel to Serial Encoder, 16 Pin SOG	MOTOTORLA	MC145026D
1	U3	RF (FM) Transmitter Module, 900MHz/	LINX TECHNOLOGIES	TXM-900-HP-II
6	PB1~PB6	Switch Pushbutton SPST, Momentary	ESWITCH	TL1104
1	SW1	Switch, DIP, 5 Position, SPST, Low Profile	CTS	209-5LPST
1	ANT1	Antenna, Whip, 1/4λ, SWA Connector	LINX TECHNOLOGIES	ANT-916-CW-QW
1	ANT1	Receptacle, RF Type SMA, Right Angle	LINX TECHNOLOGIES	CONREVSMA003.062

BM-0110148-3, Rev C
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3	F0~F3	#26AWG Bus Wire		
1	ALL	Printed Circuit Board	DIVELBISS (for Now)	PC-0010148-3, Rev C
1		CASE, Belt Clip, 9V Battery Compartment	PACTEC	RCS-24-9VB/2AA-PBC
1	PBAT, NBAT	Battery Clip, 9V		
1	N/A	FCC ID Label	3M 7980 Film	file FCCSTICKER.DOC