

Works Order Number	Picked By		Number of Sets		Checked By	
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Item No	Circuit Reference	Part Description	Stock / Part Drawing No	Quantity		Shortage	Issued	Date
				Set	Total			
1	R39	Resistor 4R7 5% 100v 0805 SMT		1	0			
2	R27	Resistor 22R 5% 100v 0805 SMT		1	0			
3	R45	Resistor 330R 5% 100v 0805 SMT		1	0			
4	R40	Resistor 560R 5% 100v 0805 SMT		1	0			
5	R41	Resistor 2K2 1% 100v 0805 SMT		1	0			
6	R48	Resistor 4K7 1% 100v 0805 SMT		1	0			
7	R30.R50	Resistor 10K 1% 100v 0805 SMT		2	0			
8	R37.R43	Resistor 15K 5% 100v 0805 SMT		2	0			
9	R42	Resistor 22K 1% 100v 0805 SMT		1	0			
10	R32	Resistor 27K 1% 100v 0805 SMT		1	0			
11	R36.R44	Resistor 47K 5% 100v 0805 SMT		2	0			
12	R25.R29	Resistor 100K 1% 100v 0805 SMT		2	0			
13	R33	Resistor 150K 1% 100v 0805 SMT		1	0			
14	R24.R26.R28.R34.R38.R46.R47	Resistor 1M 5% 100v 0805 SMT		7	0			
15	R35	Resistor 10M 5% 100v 0805 SMT		1	0			
16	C15.C16	Capacitor 12pF 5% 10v 0805 Ceramic		2	0			
17	C17.C18	Capacitor 15pF 5% 10v 0805 Ceramic		2	0			
18	C23	Capacitor 10nF 10% 10v 0805 Ceramic		1	0			
19	C14.C19.C20.C24	Capacitor 100nF 5% 10v 1206 Ceramic		4	0			
20	C25	Capacitor 1uF 10% 10v Tant Size A		1	0			
21	C13.C21	Capacitor 10uF 10% 10v Tant Size C (Low Leak <0.5uA)		2	0			
22	D9	Diode TLPH 5600		1	0			
23	D2.D5.D11.D12	Diode Zener BZX84C5V1		4	0			



Stores Logged /Date								
Date	Issue	PCN No	Description	Date	04.10.99	Title		
18.02.99	1	IJB	First Draft Issue	Drawn	B.R.W	Permalog PCB		
04.10.99	A	B.R.W	Production Issue	Checked	S.L. 82			
				Approved		Drawing No	Issue	No of Sheets
				Accounts		BP.030.0001	A	1 of 3

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				Set	Total			
24	D3.D4	Diode Schottky BYS10-45		2	0			
25	D6	LED Infra Red SEP8736-3		1	0			
26	D7	Voltage Reference 1.25v ZRA125F03		1	0			
27	D10	Diode Signal LL4148		1	0			
28	Q3.Q8	Mosfet Dual SI4947DY		2	0			
29	Q4	Photo Transistor Infra Red SDP8436-3		1	0			
30	Q5	Transistor NPN BC847C		1	0			
31	Q6	Transistor PNP BC860C		1	0			
32	Q7	Dual Transistor NPN IMX1		1	0			
33	U3	Analogue Multiplexer LTC1391CS		1	0			
34	U4	Micro Controller HD6473644H-5		1	0			
35	U5	Comparator LMC7221AIM5		1	0			
36	X1	2MHZ Crystal HC49 Through Hole Mount	Golledge	1	0			
			120-005		0			
37	X2	32.768kHz Watch Crystal 5ppm	Golledge	1	0			
		Through Hole Mount	MS06738		0			
					0			
38	R49	Thermistor 4K7 1% Beta 3560 +/- 1% 0805 SMT	Phillips	1	0			
			2322-615-13472		0			
39	BT1.BT2	Battery Lithium Thionyl Chloride 3v6,AA, 2200mAH,PCB Mount,Double Negative Terminal		2	0			
					0			
40	S1	Switch Reed PPS24	AssemTech	1	0			
41	Q4.D6	Spacer ERM-1-3mm		2	0			

			Stores Logged /Date							
			Date	Issue	PCN No	Description	Date	04.10.99	Title	
			18.02.99	1	IJB	First Draft Issue	Drawn	B.R.W	Permalog PCB	
			04.10.99	A	B.R.W	Production Issue	Checked	S.L &		
							Approved		Drawing No	Issue
				Accounts		BP.030.0001	A	2 of 3		

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Item Quantity ReferencePage 1
Part

1	3	+V ,GND ,MOD IN	0.1 3W MOLEX MALE SEP 100029
2	2	ANT ,GND	0.1 2W MOLEX MALE SEP 100009
3	1	C1	68p 0805 COG 5% 076168
4	4	C2,C3,C4,C18	47p 0805 COG 5% 076048
5	1	C5	470p 0805 COG 5% 076147
6	1	C6	22p 0805 COG 5% 076033
7	1	C7	12p 0805 COG 5% 076018
8	1	C8	22p 0805 COG 5% 076027
9	1	C9	5p6 0805 COG 5% 076047
10	2	C10,C14	0.5p 0805 COG 5% 076005
11	3	C11	3p9 0805 COG 5% 076056
12	3	C12,C19	2p7 0805 COG 5% 076026
13	1	C13	18p 0805 COG 5% 076034
14	1	C17	N.F.
15	1	C20,C16	2p2 0805 COG 5% 076021
16	1	D1	BBY31 126001
17	1	L1	1uH NL1210 5% 863680
18	3	L2,L4	12n NL1210 5% 863012
19	3	L3,L5,L7	47n NL1210 5% 863047
20	1	PCB	450212
21	2	R1,R2	100R 0805 5% 659110
22	1	R3	47k 0805 5% 659347

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Item Quantity Reference Part

23	1	R4	680R 0805 5% 659147
24	2	R6,R9, R10	22k 0805 5% 659322
25	2	R5	18k 0805 5% 659310
26	1	R7	390R 0805 5% 659215
27	1	R8	47k 0805 5% 659382
28	1	R11	220R 0805 5% 659122
29	3	TR2,TR3	BFR93A UHF Transistor 701009
30	1	VC1	3-10p ECRKN400 077010
31	3	VC2,VC3,VC4	2.5-6p ECRKN400 077006
32	1	X1	66.27470MHz 7th Overtone 49/10/10/20/-10/SR TBA
33	1	TR1	BFS17 RF Tuner 701007
34	1	C15,C21	5p6 0805 COG 5% 076056
35	1	L6	10n NL1210 5% 863012