

RF/ID READER Revised: Monday, August 24, 1998

Revision: A

Bill Of Materials August 24,1998 11:08:18 Page 1 of 2

103-0046

Item	Qty	Reference	Part	Part No.
1	1	BT1	BATTERY	CR1220
2	1	C1	1500pF	1500pF, 0805
3	4	C2,C4,C36,C40	4.7uF	4.7uF, 16V, 10%, Case B
4	8	C3,C5,C6,C12,C17,C22,C25, C37	1000pF	1000pF, 0805
5	6	C7,C20,C21,C23,C24,C39	0.01uF	0.01uF, 0805
6	1	C8	22uF	22uF, 10V, 20%
7	2	C9,C11	*	----
8	8	C10,C13,C14,C15,C27,C28, C29,C33	0.1uF	0.1uF, 0805
9	2	C26,C16	12pF	12pF, 0805
10	2	C19,C18	**	0 ohm, 0805
11	2	C31,C30	15pF	15pF, 0805
12	1	C32	6.2pF	6.2pF, 0805
13	2	C34,C35	10uF	10uF, 10V, 20%
14	1	C38	100uF	100uF, low ESR
15	1	D1	HSMS 2820	----
16	1	D2	ZENER	----
17	1	D3	LM4041	----
18	2	D4,D5	HSMS 2810	H.P. HSMS 2810
19	1	J1	CON30AP	Samtec CLS-115-L-D-DV-P
20	1	J2	CON16AP	Samtec CLS-108-L-D-DV-P
21	1	J3	MMS	Radiall R209.408.012
22	1	LC1	LPF	Toko LTF3216L-FR90A
23	1	L1	FILTER1	Steward 25Z1806.1S0
24	1	L2	FILTER2	MuRata BL01RN1-A62
25	1	L3	1mH	MuRata LQH4N102K04
26	2	L5,L4	220uH	MuRata LQH3N271K34
27	2	R1,R5	0	0 ohm, 0805
28	1	R2	12k	12K, 5%, 0805
29	1	R3	5.6k	5.6K, 5%, 0805
30	1	R4	680	680 ohm, 5%, 0805
31	2	R8,R6	***	----
32	1	R7	500	Tocos G4AT-501M
33	1	R9	390	390 ohm, 5%, 0805
34	2	R10,R11	470	470 ohm, 5%, 0805
35	2	R22,R12	68K	68K, 5%, 0805
36	1	R13	100	100 ohm, 5%, 0805
37	4	R14,R28,R29,R33	10	10 Ohm, 5%, 0805
38	4	R15,R16,R17,R34	1K	1K, 5%, 0805
39	2	R18,R19	6.49K	6.49K, 1%, 0805
40	3	R20,R21,R27	30.1K	30.1K, 1%, 0805
41	3	R23,R25,R31	10K	10K, 5%, 0805
42	1	R24	15K	15K, 5%, 0805
43	1	R26	16k	16K, 5%, 0805
44	1	R30	20k	20K, 5%, 0805
45	1	R32	90.9K	90.9K, 5%, 0805

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Bill Of Materials August 24,1998 11:08:18 Page 2 of 2

103-0046

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46	1	U1	VCO	MuRata MQE501-926
47	1	U2	R.F.AMP	Hitachi PF01411A-TB
48	1	U3	74HC132	74HC132, SMD
49	1	U4	MAX941	Maxim MAX941 CSA
50	2	U5,U6	NE592D8	Signetics NE592D8
51	1	U7	PIC16C71	Microchip PIC16C71
52	1	U8	DS1810	Dallas DS1811-10 SOT-23
53	1	U9	74HC125	74HC125, SMD
54	1	U10	DS1306	Dallas DS1306E
55	1	U11	LT1120A	Lin. Tech 1120ACS8.
56	1	U12	LT1529CQ	Lin. Tech. LT1529CQ
57	1	Y1	20mHz	M-tron ATS4920MHZ
58	1	Y2	32.768 Khz	M-tron SX155532.768
59	1	BH1	Battery holder	Keystone 3001