

Bill Of Materials April 14, 1999 10:38:14 Page1

Item	Quantity	Reference	Part
1	6	C1,C32,C36,C45,C64,C67	0.1uF
2	1	C3	1nF
3	1	C4	220pF
4	4	C5,C24,C27,C44	100pF
5	1	C6	6pF
6	2	C7,C17	18pF
7	2	C8,C48	6.8pF
8	3	C9,C15,C65	5-20pF
9	3	C10,C16,C51	2.0pF
10	3	C11,C47,C57	10pF
11	2	C41,C12	0.5pF
12	3	C13,C19,C28	3.3pF
13	9	C14,C26,C29,C30,C33,C35, C43,C46,C61	10nF
14	3	C18,C59,C66	5.0pF
15	2	C58,C20	82pF
16	1	C21	.01uF
17	2	C37,C40	56pF
18	3	C38,C49,C53	22pF
19	2	C42,C54	10uF
20	5	D4,Q11,R45,R46,C60	Not Used
21	1	C62	3300pF
22	1	C63	560pF
23	2	D1,D3	MMBV3401
24	1	D2	MMBV105G
25	1	FLT1	SFE107MS2
26	1	FLT2	CFWM455E
27	1	J1	CON2
28	1	J2	TX
29	1	J3	RX
30	4	J4,J5,J6,J7	CON1
31	1	LS1	3.2KHz
32	4	L1,L6,L14,L16	47nH
33	5	L2,L3,L4,L7,L15	15nH
34	2	L5,L18	68nH
35	1	L8	10nH
36	2	L19,L10	82nH
37	1	L11	27nH
38	1	L12	100nH
39	1	L13	12nH
40	8	Q1,Q2,Q3,Q4,Q5,Q6,Q9,Q10	BFR92A
41	1	Q7	MMBT2907
42	1	Q8	MMBTH10
43	1	R1	1.2K
44	2	R2,R23	390
45	2	R3,R20	100K
46	1	R4	15K
47	3	R6,R8,R9	47K
48	2	R22,R13	1K
49	1	R14	56K
50	1	R15	470K

51	2	R17,R16	330
52	1	R19	2.7K
53	1	R21	150
54	1	R28	1.5K
55	2	R29,R39	100
56	2	R30,R37	470
57	1	R31	82K
58	1	R33	33K
59	3	R34,R35,R36	390K
60	2	R40,R41	220
61	1	R42	22K
62	1	R47	0 OHM
63	1	U1	KA8513BD
64	1	Y1	72.320MHz
65	1	Y2	10.245MHz
66	1	Y3	CDBM455C28
67	1	Y4	CRYSTAL

AUTOSTART
 FCC ID: NAHRTR433
 EXHIBIT #: 4B

PARTS LIST

Revised: Sep 14, 1998

1400-5c

Revision: 2 NEGATIVE DOOR LOCKS ONLY

Quantity

Reference Part

13	C1,C3,C4,C5,C6,C8,C9, .1MF
	C18,C23,C26,C27,C28,C29
1	C7 .022MF
2	C10,C13 3.3pf
1	C11 2 - 7PF
3	C12,C14,C15 390PF
1	C16 15PF
1	C17 33PF
1	C19 22PF
1	C20 47PF
1	C21 1500PF
1	C22 1 uF Tant.
2	C24,C25 470MF
11	D1,D4,D6,D7,D9,D10,D11, 1N4007
	D16,D17,D18,D19
2	D14,D15 0 OHMS RES.
4	D2,D3,D5,D13 1N4148
1	D8 MMBD914
1	D12 1N15V
1	J4 SHORT RED WIRE
1	J5 SHORT YELLOW WIRE
1	J6 SHORT PURPLE WIRE
1	J7 SHORT ORANGE WIRE
1	J8 SHORT RED WIRE
1	J9 ANT
1	J10 CON7
2	J11 CON4
4	K1,K2,K3,K4 T90
1	L1 .01MH
2	Q3,Q8 MMBT2222
2	Q4,Q5 H10
1	RV2 507K170K
1	R1 2.2K
19	R4,R5,R6,R8,R9,R11, 10K
	R12,R13,R14,R16,R19,R25,
	R29,R31,R34,R46,R47,R48,R49
2	R10,R15 3.3K
3	R17,R18,R21 22K
1	R20 100
1	R22 470
2	R23,R37 6.8K
1	R24 56K
1	R26 27K
3	R27,R35,R36 100K
2	R33,R28 6.8MEG
1	R30 470K
1	R32 270
1	R45 1K
1	R44 47
2	U1,U2 MC1413

AUTOSTART
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 EXHIBIT #: 4c

1	U3	LM2904
1	U6	93LC46
1	U8	78L05 SMT
1	U9	16C62
1	Y1	CRYSTAL

AUTOSTART
FCC ID: NAHRTR433
EXHIBIT #: 4D