

49.860MHz for CVTRA6222H

NO.	DESCRIPTION	CODE	PARTS NAME	NOTE
1	I.C.	IC1	RX6	ACTION
2	TRANSISTOR	TR1	2SC380-0	
3		TR2	2SC1623L6 or equivalent	
4		TR3	2SC1623L6 or equivalent	
5		TR4	2SC1623L6 or equivalent	
6		TR5	2SC1623L6 or equivalent	
7		TR6	2SC1623L6 or equivalent	
8		TR7	2SC1623L6 or equivalent	
9		TR8	MPS8050S or equivalent	
10		TR9	MPS8050S or equivalent	
11		TR10	-	
12		TR11	-	
13		TR13	2SC1623L6 or equivalent	
14		TR14	2SC1623L6 or equivalent	
15		TR15	MPS8550S or equivalent	
16		TR16	MPS8550S or equivalent	
17		TR17	MPS8050S or equivalent	
18		TR18	MPS8050S or equivalent	
19		TR22	2SB1658 or equivalent	
20		TR23	2SB1658 or equivalent	
21		TR24	2SD2583 or equivalent	
22		TR25	2SD2583 or equivalent	
23		TR26	KTA1663 or equivalent	
24		TR27	KTA1663 or equivalent	
25		TR28	KTC4375 or equivalent	
26		TR29	KTC4375 or equivalent	
27	DIODE	D1	1N4148WS or equivalent	
28		D2	0 ohm	
29		D3	0 ohm	
30		D4	1N4148WS or equivalent	
31		D5	1N4148WS or equivalent	
32		D6	1N4148WS or equivalent	
33		D7	1N4148WS or equivalent	
34		D8	1N4148WS or equivalent	
35		D9	-	
36		D10	-	
37		D11	1N4148WS or equivalent	
38		D12	1N4148WS or equivalent	
39	RESISTOR	R1	150K	
40		R3	820	
41		R4	2.2K	
42		R5	3.3k	
43		R6	330	
44		R7	120k	
45		R8	2.2K	
46		R9	120(1/10W)	
47		R10	4.7M	
48		R11	2.2K	
49		R12	4.7M	
50		R13	1K	
51		R14	1K	
52		R15	4.7K	
53		R16	4.7k	
54		R17	1k	
55		R18	1k	
56		R19	100K	
57		R20	100K	
58		R21	180 (1/10W)	
59		R22	180 (1/10W)	
60		R23	47k	
61		R24	47K	
62		R25	10K	
63		R26	10K	
64		R27	68(1W)	
65		R28	68(1W)	
66		R29	120(1/10W)	
67		R30	10k	
68		R31	10k	
69		R32	-	
70		R33	10K	
71		R34	10K	

NO.RA6222 PCB.PARTS LIST

NO.	DESCRIPTION	CODE	PARTS NAME	NOTE
72	CAPACITOR	R35	100K	
73		R36	100K	
74		R37	820 1/10w	
75		R38	820 1/10w	
76		R39	22 2w	
77		R40	22 2w	
78		R41	1k	
79		R42	150k	
80		R43	-	
81		R46	0 ohm	
82		C 1	10p(C)	
83		C 2	5p(C)	
84		C 3	33p(C)	
85		C 4	100(E)	
86		C 5	4.7(E)	
87		C 6	222(CH)	
88		C 7	103(B,X7R)	
89		C 8	-	
90		C 9	103(B,X7R)	
91		C10	100(E)	
92		C11	100(E)	
93		C12	-	
94		C13	222(B,X7R)	
95		C14	471(B,X7R)	
96		C15	104(C)	
97		C16	33p(C)	
98		C17	100(E)	
99		C18	104(C)	
100		C19	100(E)	
101		C20	10(N)	
102		C21	10(N)	
103		C22	105(C)	
104		C23	105(C)	
105		C24	-	
106		C25	-	
107		C27	100(E)	
108		C28	471(B,X7R)	
109		C29	-	
110		C30	-	
111		C31	104(C)	
112		C32	104(C)	
113	INDUCTOR	L 1	-	
114		L 2	SP 3.3uH	
115		L 3	S6.5T	
116	JUMPER	J 1	0 ohm	
117		J 2	0 ohm(5mm gilded wire)	
118		J 3	0 ohm(30mm gilded wire)	
119		J 4	0 ohm	
120		J 5	0 ohm	
121		J 6	0 ohm	
122		J 7	0 ohm	
123		J 8	0 ohm	
124		J 9	0 ohm	
125		J10	0 ohm	
126		J11	0 ohm	
127		J12	0 ohm	
128		J13	0 ohm	
129		J14	0 ohm(5mm gilded wire)	
130		J15	-	
131		J16	0 ohm	
132		J17	0 ohm	
131	EXTRA PARTS	EP1	Heat sink:H-7 x 2	
132		EP2	TP:3*8B(W/spring washer)x4	
133		EP3	PCB:NO_RA6222	

RESISTOR:1608 type chip,1/16W, ± 5% INDUCTOR:100mA, ± 10%

CAPACITOR(C):Ceramic,1608 type chip,50WV,+ -10% (T):Tantalum,35WV, ± 10%

(M):Mylar,50WV[No mark=K.rank(± 10%),J.rank(± 5%)]

(E):Electrolytic,16WV, ± 20% (N):Non pole Electrolytic,16WV, ± 20%

NO.RP6403D PCB.PARTS LIST

Ver.1

27[40][49]MHz for 1/12 discrete steering type RX.PCB.

2003.12.16 SI.

NO	DESCRIPTION	CODE	Normal version	Timer cut off version	Rescue Type
1	I.C.	IC1	PS8A1211W		
2		IC2	uPA1792		uPA1793
3		IC3	uPA1792		uPA1793
4	TRANSISTOR	TR1	2SC380-O or KTC3879S		
5		TR2	-		MPS8050S or equivalent
6		TR3	-		2SA812M5 or equivalent
7		TR4	-		MPS8050S or equivalent
8		TR5	-		MPS8050S or equivalent
9		TR6	2SA812M5 or equivalent		
10		TR7	2SA812M5 or equivalent		
11		TR8	2SC1623L6 or equivalent		
12		TR9	2SC1623L6 or equivalent		
13		TR10	2SC1623L6 or equivalent		
14		TR11	2SC1623L6 or equivalent		
15		TR12	MPS8550S or equivalent		
16		TR13	MPS8550S or equivalent		
17		TR14	MPS8050S or equivalent		
18		TR15	MPS8050S or equivalent		
19		TR16	-		MPS8050S or equivalent
20		TR21	-	2SC1623L6 or equivalent	
21		TR22	-	2SC1623L6 or equivalent	
22	DIODE	D1	-	1N4148WS or equivalent	1N4148WS or equivalent
23		D2	-	1N4148WS or equivalent	1N4148WS or equivalent
24		D3	1N4148WS or equivalent		1N4148WS or equivalent
25		D4	-		
26		D7	-	1N4148WS or equivalent	
27		D8	-	1N4148WS or equivalent	
28		D9	-	1N4148WS or equivalent	
29		D11	-	1N4148WS or equivalent	
30		D12	-	1N4148WS or equivalent	
31		D13	1N4148WS or equivalent		
32		D14	1N4148WS or equivalent		
33	RESISTOR	R1	150K		4.7k
34		R2	-		
35		R3	560[560][820]		
36		R4	2.2K		
37		R5	2.2K{3.3K}[1.8K]		
38		R6	330		
39		R7	100K		
40		R8	2.2K		
41		R9	120(1/10W)		
42		R10	4.7M		
43		R11	2.2K		
44		R12	4.7M		
45		R13	10K		
46		R14	10K		
47		R15	0 ohm		33(2W)
48		R16	0 ohm		
49		R17	-		
50		R18	-		
51		R19	10K		
52		R20	10K		
53		R21	100		
54		R22	100		
55		R23	-	4.7K	
56		R25	100K		

NO	DESCRIPTION	CODE	Normal version	Timer cut off version	Rescue Type
51		R26	100K		
52		R27	1K		
53		R28	1K		
54		R29	120(1/10W)		4.7K
55		R30	-		
56		R31	-		
57		R32	-		
58		R33	-		10K
59		R34	-		10K
60		R35	10K		
61		R36	10K		
62		R37	0.2 (5W)		
63		R38	-		
64		R39	-		10K
65		R40	-		1K
66		R45	-	1K	
67		R46	-	470K	
68		R47	-	10K	
69		R49	1K		
70		R50	1K		
71	CAPACITOR	C 1	1p(C)		
72		C 2	10p[22p][5p](C)		
73		C 3	68p[47p][33p](C)		
74		C 4	100(E)		
75		C 5	4.7(E)		
76		C 6	332[332][222](CH)		
77		C 7	103(B,X7R)		
78		C 9	104(C)		
79		C10	100(E)		
80		C11	100(E)		
81		C12	-		
82		C13	222(B,X7R)		
83		C14	471(B,X7R)		
84		C15	104(C)		
85		C16	33p(C)		
86		C17	-		
87		C18	104(C)		
88		C19	-		
89		C20	10(N)		
90		C22	-		
91		C23	-		
92		C24	-		47(E)
93		C25	-		47(E)
94		C26	105(C)		
95		C27	-	100(E)	
96		C28	471(C)		
97		C29	105(C)		
98		C32	104(C)		
99		C33	-		
100		C35	-		105(C)
101	INDUCTOR	L 1	SP 1uH		
102		L 2	SP 3.3uH		
103		L 3	S11.5T{S6.5T}[S6.5T]		
104	JUMPER	J 1	0 ohm		
105		J 4	0 ohm(WIRE)		
106		J 6	0 ohm		
107		J 8	0 ohm		
108		J 9	0 ohm		
109		J10	0 ohm(70mm WIRE)		
110		J11	-	0 ohm	
111		J12	0 ohm		
112		J13	-		0 ohm
113		J14	-		0 ohm
114		J18	0 ohm(WIRE)		
115	EXTRA PARTS	EP1	PCB:NO RP6403		

RESISTOR:1608 type chip,1/16W,±5% INDUCTOR:100mA,±10%

CAPACITOR(C):Ceramic,1608 type chip,50WV,+-10% (T):Tantalum,35WV,±10%

(M):Mylar,50WV[No mark=K.rank(±10%),J.rank(±5%)]

(E):Electrolytic,16WV,±20% (N):Non pole Electrolytic,16WV,±20%