

RR1200Y/SV0200Y CIRCUIT EXPLANATION

(FCC ID:CVTRR1200Y)

RR1200Y(formed receiver unit)

1)The Radio Frequency inputted through The ANT.,is passed to the Super regenerative receiver,formed by TR1,where the Action Signal is detected.

2)The Action Signal is decode in the IC.,and are send to each output terminal.

3)Right turns

IC.15P is turned on.

4)Left turns

IC.16P is turned on.

SV0200Y(formed servo unit)

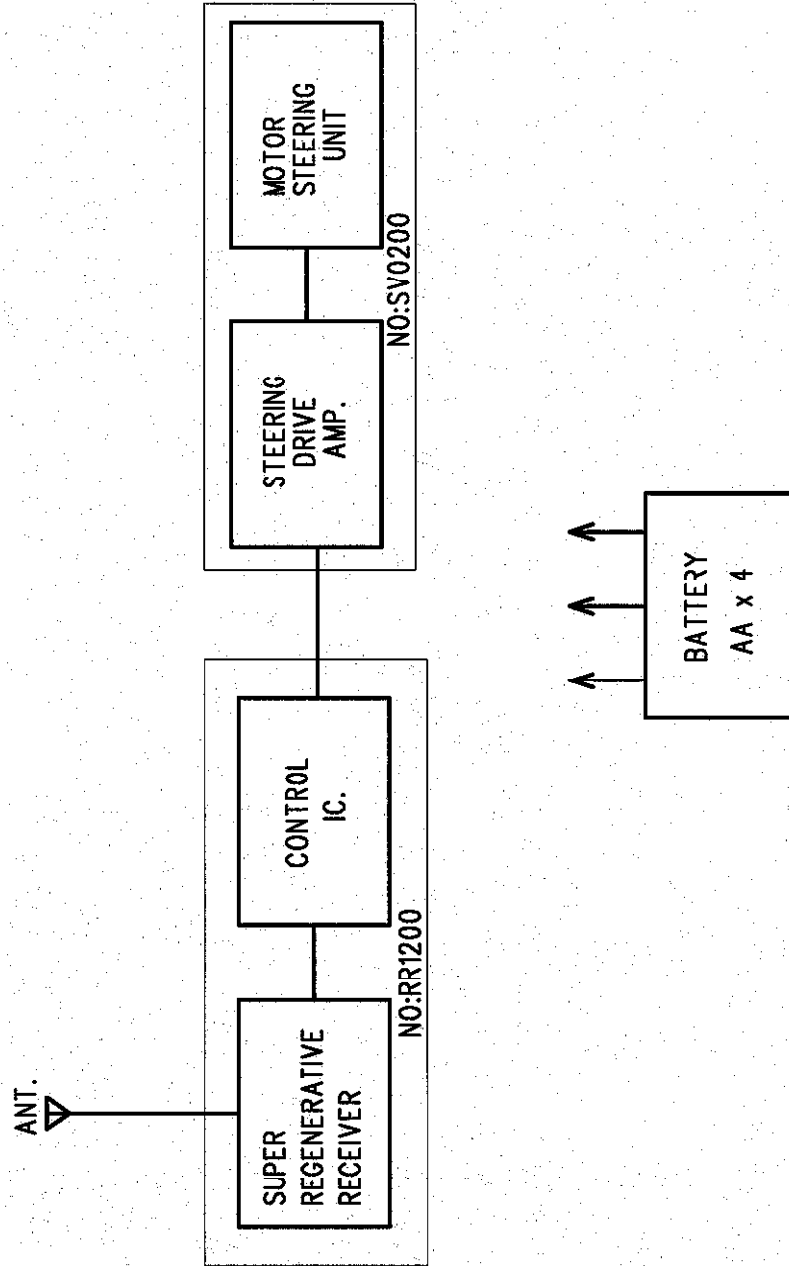
1)Right turns

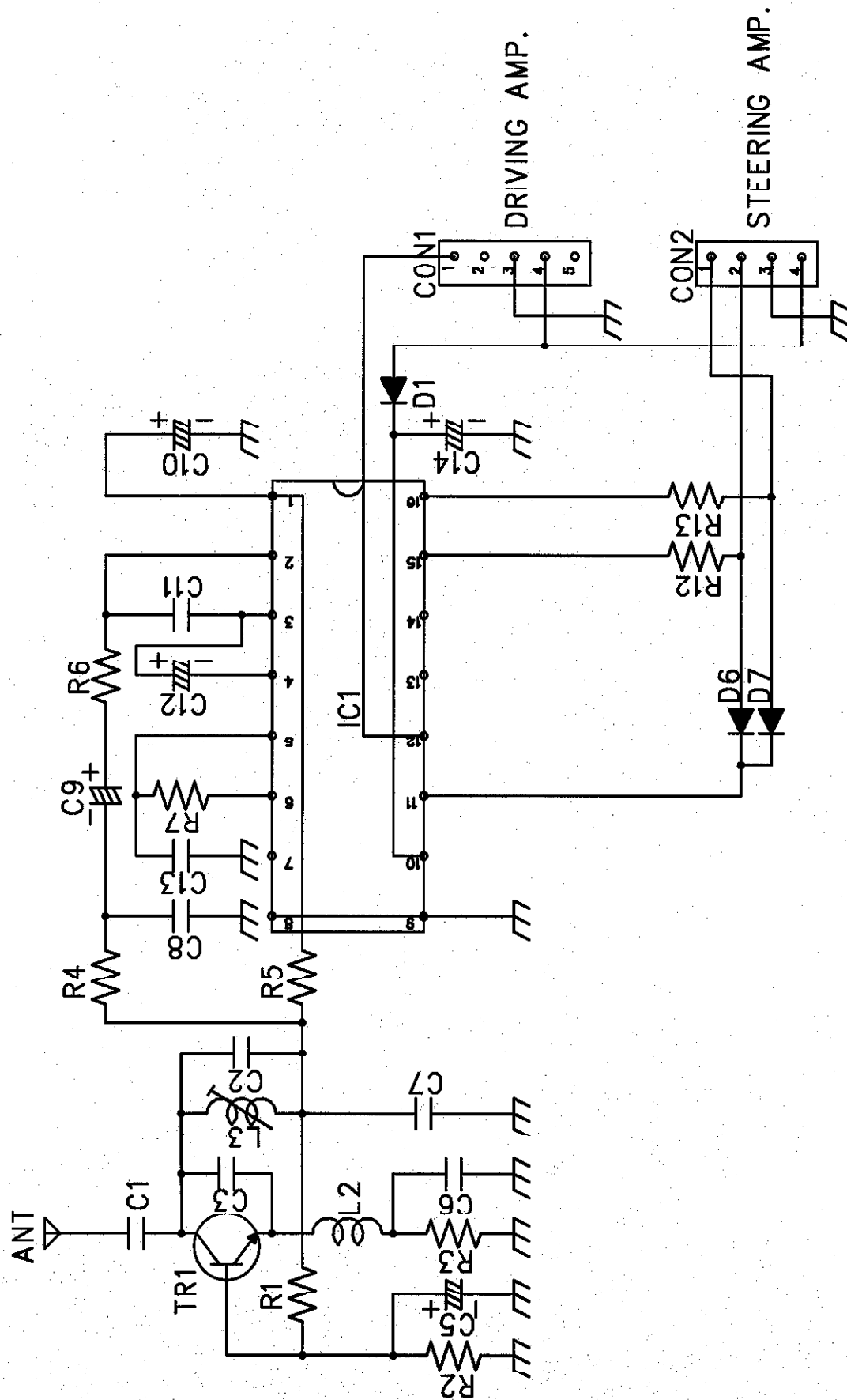
ST1 is turned on,and TR2,3 and 6 are turned on to make a Right turn.

2)Left turns

ST2 is turned on,and TR1,4 and 5 are turned on to make a Left turn.

RECEIVER BLOCK DIAGRAM PCB NO:RR1200Y / SV0200Y





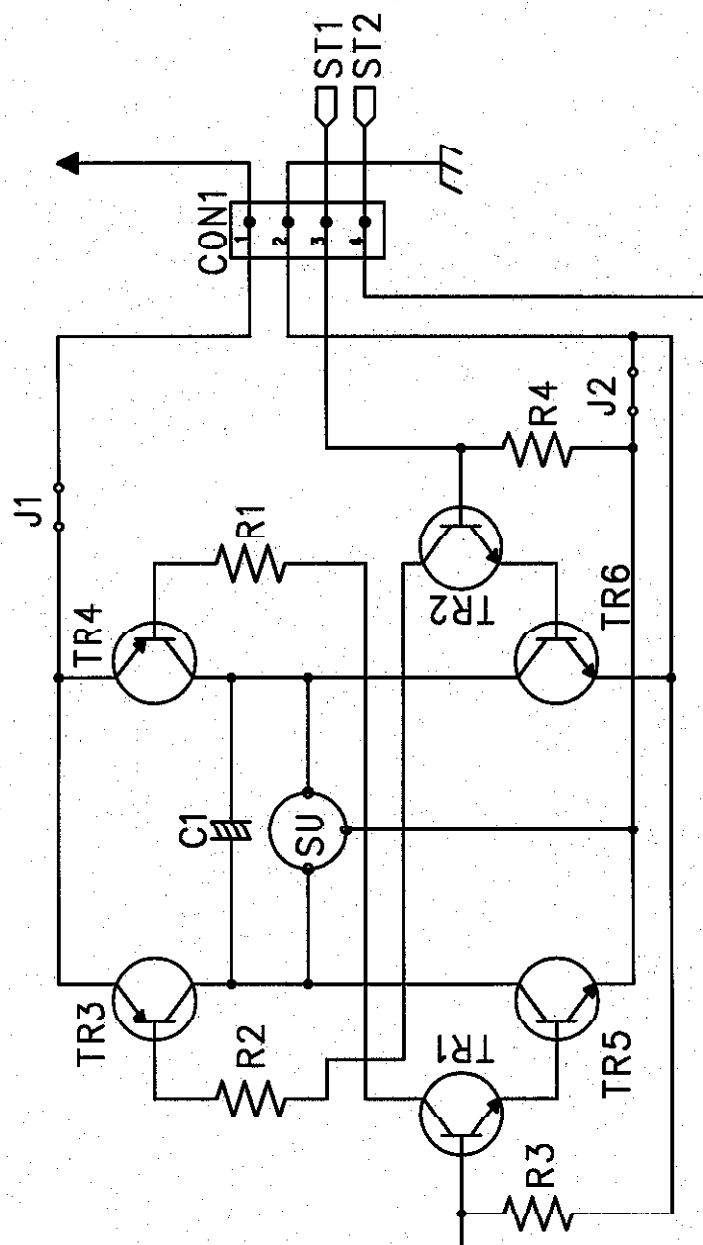
NO.RR1200Y CIRCUIT DIAGRAM

NO. RR1200-Y type PCB LIST

49MHz

NO.	DESCRIPTION	CODE	PARTS NAME	NOTE
1	I. C.	IC1	NR9600	
2	TRANSISTOR	TR1	2SC380-0	
3		TR2	-	
4	DIODE	D1	10 ohm	
5		D4	-	
6		D5	-	
7		D6	1SS133 or equivalent	
8		D7	1SS133 or equivalent	
9	RESISTOR	R1	4.7K	
10		R2	8.2K	
11		R3	470	
12		R4	5.6K	
13		R5	2.2K	
14		R6	10K	
15		R7	0.0K (1-1%)	
16		R8	-	
17		R9	-	
18		R12	2.2K	
19		R13	2.2K	
20	CAPACITOR	C1	10p (C)	
21		C2	5p (C)	
22		C3	33p (C)	
23		C4	-	
24		C5	4.7 (E)	
25		C6	222 (M)	
26		C7	223 (M)	
27		C8	103 (M)	
28		C9	1 (E)	
29		C10	100 (E)	
30		C11	150p (C)	
31		C12	1 (E)	
32		C13	102J (M)	
33		C14	100 (E)	
34	INDUCTOR	L2	SP 3.3uH	Made in CHINA
35		L3	S6.5T	
36	EXTRA PARTS	EP1	CON1:Connector 2pin(Pin side)	* ADD
37		EP2	CON2:Connector 4pin(Pin side)	
38		EP3	PCB:NO. RR1200	

RESISTOR:No mark=1/6W, $\pm 5\%$ INDUCTOR:100mA, $\pm 10\%$ CAPACITOR (C):Ceramic, 50WV, +80-20% (T):Tantalum, 35WV, $\pm 10\%$ (M):Mylar, 50WV [No mark=K. rank ($\pm 10\%$), J. rank ($\pm 5\%$)](E):Electrolytic, 16WV, $\pm 20\%$ (N):Non pole Electrolytic, 16WV, $\pm 20\%$



NO.SV0200Y

NO. SV0200-Y. type PCB. LIST

NO.	DESCRIPTION	CODE	PARTS NAME	NOTE
1	TRANSISTOR	TR1	2SC945Q or equivalent	
2		TR2	2SC945Q or equivalent	
3		TR3	2SA952 or equivalent	
4		TR4	2SA952 or equivalent	
5		TR5	2SQ2001 or equivalent	
6		TR6	2SC2001 or equivalent	
7	DIODE	D1	-	
8		D2	-	
9	RESISTOR	R1	47	
10		R2	47	
11		R3	10K	
12		R4	10K	
13	CAPACITOR	C1	473 (C)	
14	JUMPER	J1	0 ohm	
15		J2	0 ohm	
16	EXTRA PARTS	EP1	PCB:NO. SV0200	

RESISTOR: No mark=1/6W, $\pm 5\%$ INDUCTOR: 100mA, $\pm 10\%$ CAPACITOR (C): Ceramic, 50WV, +80-20% (T): Tantalum, 35WV, $\pm 10\%$ (M): Mylar, 50WV [No mark=K. rank ($\pm 10\%$), J. rank ($\pm 5\%$)](E): Electrolytic, 16WV, $\pm 20\%$ (N): Non pole Electrolytic, 16WV, $\pm 20\%$