

## **RP8101 CIRCUIT EXPLANATION**

FCC ID:CVTRP8101H

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 IC1.,and are send to each output terminal.

Tr11,12,13,14,18 and 23 form the power motor drive control circuit.

3)Forward high speed motion

IC1.12P(Pin) is turned Hi, Tr11 and Tr12 are turned Hi to make a Forward high speed drive.

4)Forward low speed motion

IC1.10P(Pin) is turned Lo, Tr19,20 and 21 are turned Hi to make a Forward Low speed drive.

5)Brake motion

IC1.14P(Pin) is turned Hi, Tr23,23 and tr14 are turned Hi to make a braking drive.

IC2,Tr3,4,5,6,7,8,9 and TR10 form the steering control circuit.

6)Right turns

IC.7P is turned Hi, TR16 is turned on to make a Right turn.

7)Left turns

IC.8P is turned Hi, TR2 is turned on to make a Left turn.

8)Voltage regulator

Tr15 form the voltage regulator use drive to steering circuit.

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