PCB:NO.RP7484 RX CIRCUIT EXPLANATION

(FCC ID:CVTRP7484H)

1) The Radio Frequency inputted through the Antenna 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.

3) TR2,34,5,6 and 7 form the driving motor control circuit.

Forward motion.

11P(Pin) of IC1 is turned Hi and TR2,5 and 6 are turned on to make a Forward drive.

Backward motion.

10P(Pin) of IC1 is turned Hi and TR3,4 and 7 are turned on to make a backward drive.

4) TR10,11,12 and 13 form the steering control circuit.

Right turns.

6P(Pin) of IC1 is turned Hi and TR10 and 13 are turned on to make a Right turn.

Left turns.

7P(Pin) of IC1 is turned Hi and TR11 and 12 are turned on to make a Left turn.

5) Step up voltage converter.

TR14 form the step up voltage converter supply to the power of IC1.

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