

PCB:NO.0517RX CIRCUIT EXPLANATION

(FCC ID:CVT0517R)

- 1) The Radio Frequency inputted through the Antenna is passed to the Super regenerative receiver formed by Q2, where the action signal is detected.
- 2) The Action Signal is decode in the U2, and are send to each output terminal.
- 3) Q4,5,8,9,12 and 13 form the driving motor control circuit.

Forward motion.

11P(Pin) of U2 is turned Hi and Q4,8 and 13 are turned on to make a Forward drive.

Backward motion.

U2.10P is turned Hi and 5,9 and 12 are turned on to make a backward drive.

- 4) Q6,7,10 and 11 form the steering control circuit.

Right turns.

U2.6P is turned Hi and Q11 and Q7 are turned on to make a Right turn.

Left turns.

U2.7P is turned Hi and Q10 and Q6 are turned on to make a Left turn.

- 5) Step up voltage converter.

Q3 form the step up voltage converter supply to the power of U2.

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