

## **PCB: NO. RP7430 RX CIRCUIT EXPLANATION**

(FCC ID:CVTRP7430H)

- 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 decoded in the IC1, and are sent to each output terminal.
- 3) TR6, 7, 8, 9, 10, 11 and 12 form the driving motor control circuit.

Forward motion.

11P(Pin) of IC1 is turned Hi and TR6, 9 and 12 are turned on to make a Forward drive.

Backward motion.

10P(Pin) of IC1 is turned Hi and TR7, 10 and 11 are turned on to make a backward drive.

- 4) TR2, 3, 4 and 5 form the steering control circuit.

Right turns.

6P(Pin) of IC1 is turned Hi and TR5 and 2 are turned on to make a Right turn.

Left turns.

7P(Pin) of IC1 is turned Hi and TR4 and 3 are turned on to make a Left turn.

NIKKO CO.,LTD.

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R&D Dept. M.MIYaura