

## **RP4200 CIRCUIT EXPLANATION**

FCC ID:CVTRP4200H

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.

3)Tr5,6,7 and 8 form the power motor drive control circuit.

TR9,10,11 and 12 form the steering control circuit.

4)Forward motion

IC1.11P(Pin) is turned Hi,and Tr3,4 and Tr5 are turned Hi to make a Forward drive.

5)Backward motion

IC1.10P(Pin) is turned Hi,and Tr6 and Tr7 are turned Hi to make a Backward drive.

6)Right turns

IC.6P is turned Hi,and TR11 and 10 are turned on to make a Right turn.

7)Left turns

IC.7P is turned Hi,and TR12 and 9 are turned on to make a Left turn.

8)Voltage step up converter

Tr19 and Tr20 form the voltage step up converter use drive to Tr8.

NIKKO CO.,LTD

R&D Dept.Chief M.Miyaura