RA6441 CIRCUIT EXPLANATION

FCC ID:CVTRA6441H

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 IC.,and are send to each output terminal.

3)TR11,12,14,15,16,17 and 18 form the power motor drive control circuit.
IC2,TR2,3,4,5,6,7,8,9,10 and 19 form the steering control circuit.

4)Forward motion
IC1.15P(Pin) is turned Hi,and TR12,16 and 17 are turned on to
make a Forward drive.

5)Backward motion
IC1.14P is turned Hi,and TR11,15 and 18 are turned on to make
a backward drive.

6)Right turns
IC1.7P is turned Hi,and TR2 is turned on,
and the voltage of IC2.5P fall down.
Then the voltage of IC2.5P fall down from the voltage of 6P,
and IC2.7P is turned Low.
When IC2.7P is turned Low,and TR4,5,9 and 10 are turned on to
make a Right turn.

7)Left turns
IC1.9P is turned Hi,and TR19 is turned on,
and the voltage of IC2.3P fall down.
Then the voltage of IC2.3P fall down from the voltage of 2P,
and IC2.1P is turned Low.
When IC2.1P is turned Low,and TR3,6,7 and 8 are turned on to
make a Left turn.

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