

NO.TX49 CIRCUIT EXPLANATION

- 1) The Radio Frequency inputted through the ANT. is passed to the Super-regenerative receiver, formed by Q1, where the Action Signal is detected.
- 2) The Action Signal is decoded in the control IC., and are sent to each output terminal.
- 3) Q9,10,11,12,13 and 14 form the steering control circuit.
 - (3-1)Right turns.

IC.6P.(pin) is turned on, and Q10,12,14 are tuned on to make a Right turn.
 - (3-2)Left turns.

IC.7P. is turned on, and Q9,11,13 are turned on to make a Left turn.
- 4) Q3,4,5,6,7 and 8 form the driving control circuit.
 - (4-1)Forward drive.

IC.11P. is turned on, and Q4,5,6 are turned on to make a Forward drive.
 - (4-2)Backward drive.

IC.10P. is turned on, and Q3,7,8 are turned on to make a Backward drive.
- 5) Q2 forms the Voltage regulator for the Receiver circuit.