

FCCID: KNZ27130R49MHZ

CIRCUIT DESCRIPTION:

In the receiver the signal comes in on the receive antenna to the RF/Superregenerative detector Q-1 through a double tuned circuit. The detected signal from Q1 goes to the op amp U1 and then to the decoder made up of IC (RX2), IC controls the transistors, Q5, Q6, Q7, Q8, Q9, Q10 control the forward and backward, Q12, Q13, Q14, Q15, Q16, Q17 control the left & right turning. Q2, Q3 is a voltage regulator.

ANTENNA AND GROUND

This unit makes use of a short, antenna. The antenna is inductively coupled. The antenna is self contained, no provision is made for an external antenna. This unit is powered from a 6V battery.

No ground connection is provided. The unit relies on the ground tract of the printed circuit board.