

CIRCUIT DESCRIPTION:

This unit is a 49 MHz radio controller. When the left lever is activated the transmitter sends a signal to the receiver to cause the car/receiver to move either forward or backwards. The right lever causes the car/receiver to turn to the left or to the right. These are the only controls that this UUT has.

Energy is supplied by a 9 Volt battery. This is reduced in voltage/regulated down by zener diode DZ1 to 5.1 Volts to power the integrated circuit U1 and the crystal oscillator. Q3 is the modulator which is in series with the RF final Q2.