

Circuit Description

Model: Mini Bugs

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Rev: 0

Transmit Circuit Description:

When TX unit is turned on, a RF format code signal is sent out. The crystal controlled oscillator QC output is coupled through C4 to the base of Q1. From the emitter of Q1, the modified RF signal is fed through L2 and antenna.

The low pass filter made up of C1, C3 and L1 which are connected to the antenna. The modulation is provided by IC TX2C. The RF signal is to be sent first when power on. When one of the control button is pressed, the modulation control signal will be sent to the base of Q1 that will modulate Q1 RF wave directly.

Energy is supplied by two 1.5V AA alkaline batteries.