

# LOYAL TECHNOLOGY CO.LTD

Model No: 17864 TX

## CIRCUIT DESCRIPTION

### Transmitter Circuit

Q1 is the crystal oscillator which is modulated by the output of the audio amplifier Q3 and Q4. The audio input is now from voice change IC HT8950 and mic, the output of the oscillator is then routed to RF amplifier Q2. The output of the RF amplifier coupled to L2, L1 and antenna for transmitter.

### Power and Ground

Energy is supplied by one 9V 6F22 battery. No external ground connection is provided and what ground that's available is from the printed circuit board.