

LOYAL TECHNOLOGY CO.LTD

Model No: 54002

CIRCUIT DESCRIPTION

Receiver Circuit

The flexible antenna inductively coupled to mixer and detector transistor Q1. The detector audio is then routed to audio amplifier Q2, Q3 and Q4. The output of the audio amplifier coupled to speaker.

Transmitter Circuit

Q1 is the crystal oscillator which is modulated by the output of the audio amplifier Q2, Q3 and Q4. The audio input is now from speaker for voice and from SC201TN002 for BACKGROUND Sound.

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.