

LOYAL TECHNOLOGY CO.LTD



Model No: FRS2002

CIRCUIT DESCRIPTION

Receiver Circuit

The flexible 4.5cm long antenna inductively coupled to transistor Q1 and Q2 the regenerative mixer and detector. The detector audio is then routed to audio amplifier IC1 KA386. The output of the audio amplifier coupled to earphone.

Transmit Circuit

Q6 is the LC oscillator which is modulated by the output of the audio amplifier IC1 KA386. The audio input is now from mic.

Power and Ground

Energy is supplied by four 1.5volt Button cell. No external ground connection is provided and what ground that's available is from the printed circuit board.