

10526 Circuit Description

This product is walkie talkie mainly work by a transceiver IC and microprocessor.

TX Description

Once MCU detect an PTT switch was press,MCU MCU8 (MCU1)will general a digital command to Walkie talkie IC BK4802 (U4).Walkie Talkie will change to TX mode and detect Microphone signal.

Micophone voce signal will be modulated to FM signal inside walkie talkie IC. Walkie Talkie IC inside the modulation FM Signal amplifier,and then sent to the transmitter. RF signal will send out though antenna.

RX Description:

Normal states of walkie talkie work in RX mode. RF signal will input to RF circuit through antenna to Walkie Talkie IC BK4802 (U4). Once received signal ,Walkie Talkie IC will demodulated RF signal to voice signal IC inside audio amplifier to speaker.