

Circuit description:**TX PART:**

The signal of MIC be modulated (FM) by handset RF and shoot to base .the base mix frequently and send the program-control exchanger to through RF signal come back to receive from TIP/RING both ends after the demodulation.

RX PART:

The voice signal of the other user send RF modulate and transmit at the handset after through program-control exchanger TIP/RING to get base the both ends, handset received radio frequency signal mix frequently and demodulation to send the receptor pronunciation after the signal restored.

The way of frequency modulate:**HANDSET:**

MCU control VCO circuit through PLL IC, shake VCO frequency is it have a bit frequently in 824MHz (20CH) to stabilize, through is it fetch 3 times frequencies steady in 2474 .950MHZ a bit frequently, then transmit out the signal through FM modulates the way.

BASE:

MCU control VCO circuit through PLL IC, Let VCO shake frequency to stabilize a bit frequently in 801MHZ (20CH), through the mix frequency take 3 times frequency to enlarge, then transmit out the signal through the way of (FM) modulates.