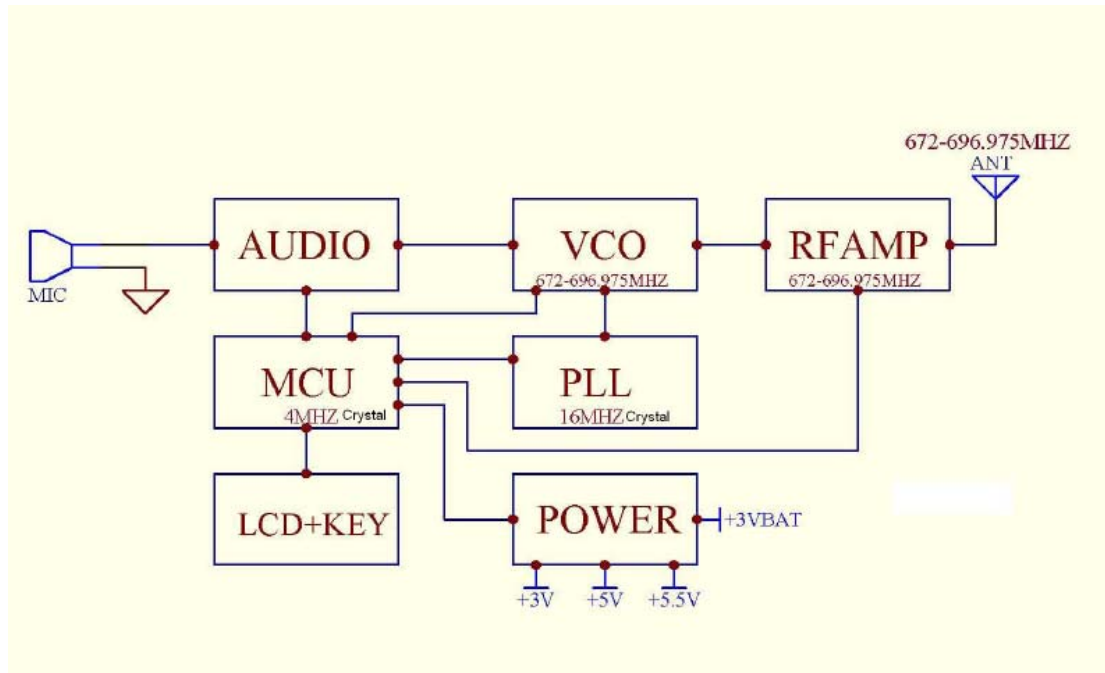


## Operation Description



The MIC has transformed the collected voice to a digital signal and input it to the audio amplifier, the audio amplifier magnified the signal and after the companding to modulate with the carrier frequency by the VCO which was controlled by PLL. The modulated high frequency passed the frequency amplifier to amplify the power and pass the BPF to the high frequency ANT. The DC power supplied by 2\*AA battery, and input to MCU, The channel frequency was changed by PLL which was controlled by MCU.