

Circuit Description

UPT-1536 is powered by DC 3.7V from battery or DC 5V from USB port. Turn on the power through the switch. The built-in microphone or external microphone (one of the built-in and external microphones) turns the sound into a voice electrical signal, turns the voice electrical signal into a voice digital signal, which is then digitally coded and modulated, and then sent to RF for carrier modulation as a modulated signal. The modulated carrier is sent to the antenna for transmission via RF amplification.

U1 is chip, model: AB5666C3

Y1 is Crystal oscillator (24MHz)

Frequency Range is 2402-2480MHz