

Operational Description

This product is a FM transmitter with bluetooth communication function, for FM transmitter function, Insert the TF card to play music, through the IC KT0803M mixings, and adjust the IC-U5 to change transmitting frequency, then the RF signals are transmitted via the RF amplifier circuit and the antenna.

1. Working voltage: DC 3.7V battery.
2. IC KT0803M crystal oscillator: 7.6MHz
3. Transmitter frequency: 88.1 MHz ~107.9MHz
4. With a LCD display and seven press-key to control the frequency or other function.

For the bluetooth communication function, the received data from the wireless bluetooth function is demodulated and output audio signal by bluetooth module(YG-209M), working with 60MHz crystal for producing a signal to the RF module circuit carrying wave amplified by the amplifier and filter circuit unit, through the antenna then transmit out as 2402MHz to 2480MHz

1. CSR-DSP is the main functional control center, working with 60MHz crystal, deal with function control and other atate indication.
2. Tune frequency is a multiplied frequency to produce a extract HF signal.
3. RF module is used for producing digital modulation FHSS type.