

# **Airwave**

## **FM transmitter**

### Operational Circuit Description

Airwave is a FM transmitter which converts the audio signal and modulate it into FM signal by U5. Microcontroller U2 receives the input from SW1 or SW2 and send commands to U5 changing the transmitted frequency. FM signal is then coupled through the filter composed by L3, L4 , C32, C33 and C34 to antenna.

#### Power supply

One AAA battery is the power supply for the transmitter. External DC power source (5VDC 200mA , centre negative) can be used.

Note : AC adaptor is **NOT** included