

## **Operational Description**

1. Audio input (iPod as the audio source) is dealt the impedance, then it be sent to BH1415 transmitter module for modulation and mixer. The audio mix signal sent out by Pin 5; the PLL signal sent by Pin 7. The both signal will be mixed by oscillator circuit diagram. The mixed signal enter BH 1415 from pin 9 and then through amplified and RF circuit. The audio signal be transmitted via the transmit antenna. The transmitter module transmit the FM any one signal form 88.1 to 107.9 according require of the transmitter controller.
2. Power input and power step-down, the 12v voltage is step down to 5v and recharge to iPod.
3. Operation key, operating the transmitting frequency and memory the frequency.