

# **WU-8256H Circuitry Description**

**This unit is a wireless Transmitter, the circuit working are as follows:**

- 1.Power source parts:** The power supply is 9V battery, through switch delay, then provide 9V and 5V power to each circuit separately
- 2.MCU Control Part:** Control LCD display, Phase loop lock and Mute separately
- 3.Voice Operate Part:** The signal send to preamplifier circuit after receiving audio signal by moving-coil microphone, then processing by audio compression circuit, then making modulation through FM modulation circuit, to get carrier signal
- 4.RF Part:** Through phrase loop lock and VCO generating high frequency signal 902-928MHz, and carrier signal which through buffer、pusher、RF power amplifier to get amplification of RF signal, transmitting by antanna