

### Circuit Description

The product use the Bluetooth module BTM6810M, this module is a Cost-effective single-chip solution for stereo headset and wireless speaker applications, Support V4.0, output category for Class 2, Support A2DP(mono),AVRCP,HFP,HSP profiles stereot, with hands free speech function.

The SoundPop is a high efficiency, 3W mono classD audio power amplifier. A low noise, filterless PWM architecture eliminates the output filter, reducing external component count, system cost, and simplifying design.

The lithium battery supply the power to the main board and covert 3.3V to the Bluetooth chip. Charging the lithium battery from USB.