

### **CIRCUIT DESCRIPTION**

- 1 . Power supply : used 3.7V/850mAh LI-ION battery.
- 2 . 3V issued by bc57e687 regulator ICs, supply to all circuit consume.
- 3 . The 2.4GHz RF transceiver with embedded 8051 compatible micro-controller and 9 input, 10 bit ADC, it performs the data modulation and demodulation, and transmit/receive data via antenna.
- 4 . The TM128 scans the keypad and control display.
- 5 . The 2.4GHz RF transceiver with embedded 8051 compatible micro-controller and 9 input, 10 bit ADC, it performs the data modulation and demodulation, and transmit/receive data via antenna.
- 6 . It access Internet through WLAN by IEEE802.11b/g. it will register the SIP server through WIFI connection. then it can make calls.