

## Description

1. VRBT300V draw power from the lithium battery, the voltage changed to 1.8V and 3.3V through the LDO U1 and U2. , and supply power to MCU. MIC. LCM
2. R49 and R52 are reset resistance, when reset voltage is low, MCU will force to reset.
- 3 When the voltage of the lithium battery lower than 3.2V, MUC will send out a signal of low battery through U6 , the LED light on the panel will turn on.
- 4 Charging current controlled by U3, and the LED light on the panel will turn on, the charging status inspected by MCU through the IO port of AI01.
- 5 To get the best hearing effect, SPK-L- and SPK-L+ passed U4 and then connected with SPEAKER output.
- 6 The Microphone signal input to MCU through the port of MIC-L- and MIC-L+, then processed
- 7 Display controlled by LCM screen through PI08, PI09, PI010.