

VTB-50 Circuit Description

1 . power supply

From the USB socket after U3 voltage output 4.2 V to charge the battery, LED1 is the charging indicator, ,the battery supply to Bluetooth module after regulated by IC (U1 .) ,Battery supply the power to power amplifier IC/SGM4871 directly

2. Bluetooth Module

The bluetooth module come into normal working state after power on , it will communicate with mobile phone after pairing .R11 and R12 sample the battery's voltage , R6 and C18are the reset circuit for bluetooth module , S1.S2.S3 is function control , LED2 is the indicator for bluetooth state , The signal from the microphone input from the Bluetooth module 8

3, U4 is the amplification circuit , The sound amplificate bluetooth module provided by V01 and V02 and ourput by the speaker