

C926 Circuit Description

1. Power Source part

U3 and U4 compose the protect circuit for the battery; U5 is charge control circuit. U6 and U7 supply power for the Bluetooth module through feet 1.8V_OUT and VDD. U6 supply 1.8V regulated power; U7 is 3.3V regulated power supply; U8 is 3.3V regulated power supply for echo abates circuit.

2. Bluetooth part

AIO0: U10 is Bluetooth module with battery inspects circuit composed by R1 and R2;

AIO1: It is control circuit of the screen background light composed by R18, D3 and R19.

RESET: It is charge restoration circuit composed by Q1, C52 and R55.

SPI_MISO , SPI_CSB , SPI_CLK and SPI_MOSI are writing entrance of Bluetooth program.

1.8V_OUT and **VDD** supply regulated working power for the Bluetooth part.

4871_P is switch control of U9 and U1;

PCM_IN, PCM_OUT, PCM_CLK and **PCM_SYNC** feet are for audio input/output and clock data of PCN.

PIO2, PIO3, PIO4, PIO5 and **PIO9** are eternal switch control circuit;

PIO1 and **PIO0** are control feet of indicator circuit.

PIO6 and **PIO7** are feet for screen indicator and clock.

3. Echo abates part

U9, X3 and U6 compose echo abates circuit;

R33, R34, C37, C39 and other parts compose the MIC input circuit.

S2, R59, S1 and R58 compose the volume control circuit of U9.

4. Audio power amplify part

U1, Q5, C44, C40 and other parts compose the audio power amplified circuit and amplify the audio.