

## Operating principle description

1. POWERED BY VBBAT, CRYSTAL 24MHZ GENERATES 24MHZ TO THE MCU(AC6969D).

power supply by VBAT, crystal 24MHZ produces 24MHz to MCU(AC6969D).

2.The SPI FLASH program is read by the MCU(AC6969D), and the MCU(AC6969D) controls ADC, GPIO, PWM, UART to do the corresponding functional requirements

Read SPI flash program from MCU(AC6969D), MCU(AC6969D) control ADC, GPIO, PWM, UART to do corresponding functional requirements

3. The MCU(AC6969D) controls the AD, GPIO, UART and does the corresponding functional requirements by the chip receiving information.

4. It receives information MCU(AC6969D) to control ADC, GPIO, UART to do corresponding functional requirements.

5. Bluetooth frequency :2402MHz-2480MHz

6. Modulation Type: GFSK,  $\pi/4$ -DQPSK, 8DPSK