

911 help now Circuit Description

1、 Power supply

911 help now is powered by three AAA batters in series, every AAA battery provide 1.5V,three batteries provide 4.5V in all ;

2、 MCU

The number of MCU is STC15W408AS, eight digital 8051 kernel MCU, the chip include 8K Flash, 512 byte RAM; Chip is designed and produced by STC company;

3、 Voice chip

Circuit design including a voice chip and peripheral circuit, voice chip communicate with MCU by 1—Wire communicate way, output to loudspeaker and play specified record voice by MCU control voice chip.

4、 Key and LED indicator light

911 help now including three independent keys and three independent LED indicator lights. Three independent keys been real-time monitoring and read state by MCU, Three independent LED indicator lights been control by MCU depends on device's different state.

5. GSM module

GSM module number is M35, M35 is a four frequency GSM/GPRS 2G module which have SMS, voice communication , GPRS data function. Hands-free calls by built-in audio frequency amplifier, output to loudspeaker directly. But for this product, GPRS function has been shielded by software.