

SIM808

SIM808 module development board

- ✓ GSM GPRS GPS positioning SMS
- ✓ Power supply: 5--26V

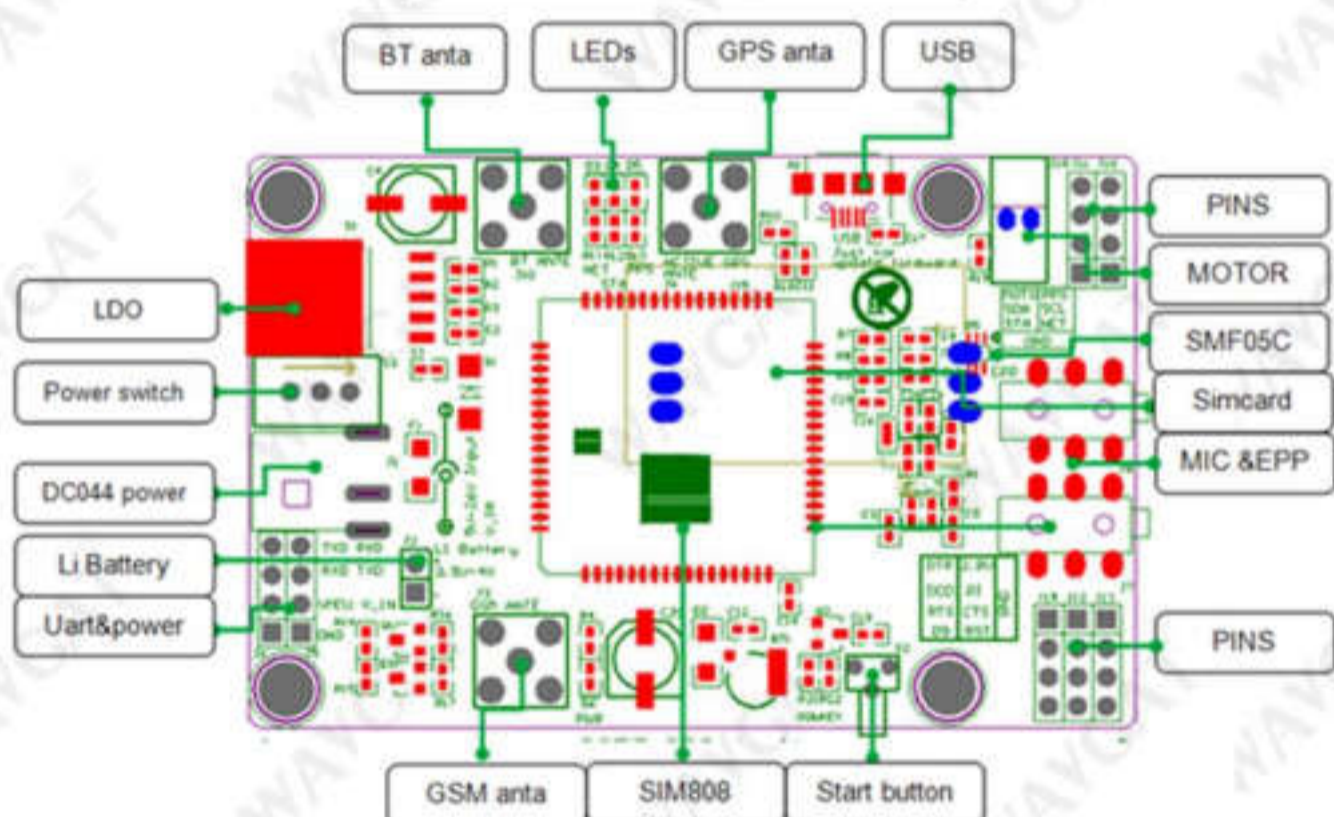


SIM808 Module GSM GPRS GPS Development Board SMA With GPS Antenna For Arduino

Product description

This module supplies 5--26V power. When the power is less than 9V, it needs 2A DC. Another way the power supply port is 3.5-4.2V, suitable for lithium battery power supply. Computer debugging USB--TTL is enough. Suitable for portable. Two sets of antenna SMA ports, giving GPS and GSM antennas. Two sets of IPX ports can be easily embedded in the aluminum box to lead the antenna out. 1 TTL serial port, GPS and GSM functions can be switched arbitrarily. Can achieve GPS positioning, text messages, data and other functions, standby at 80MA {average}. Can provide sleep data, power consumption is about 10MA. With voice and microphone interface. Belong to 4 frequency, available worldwide.

Onboard functions

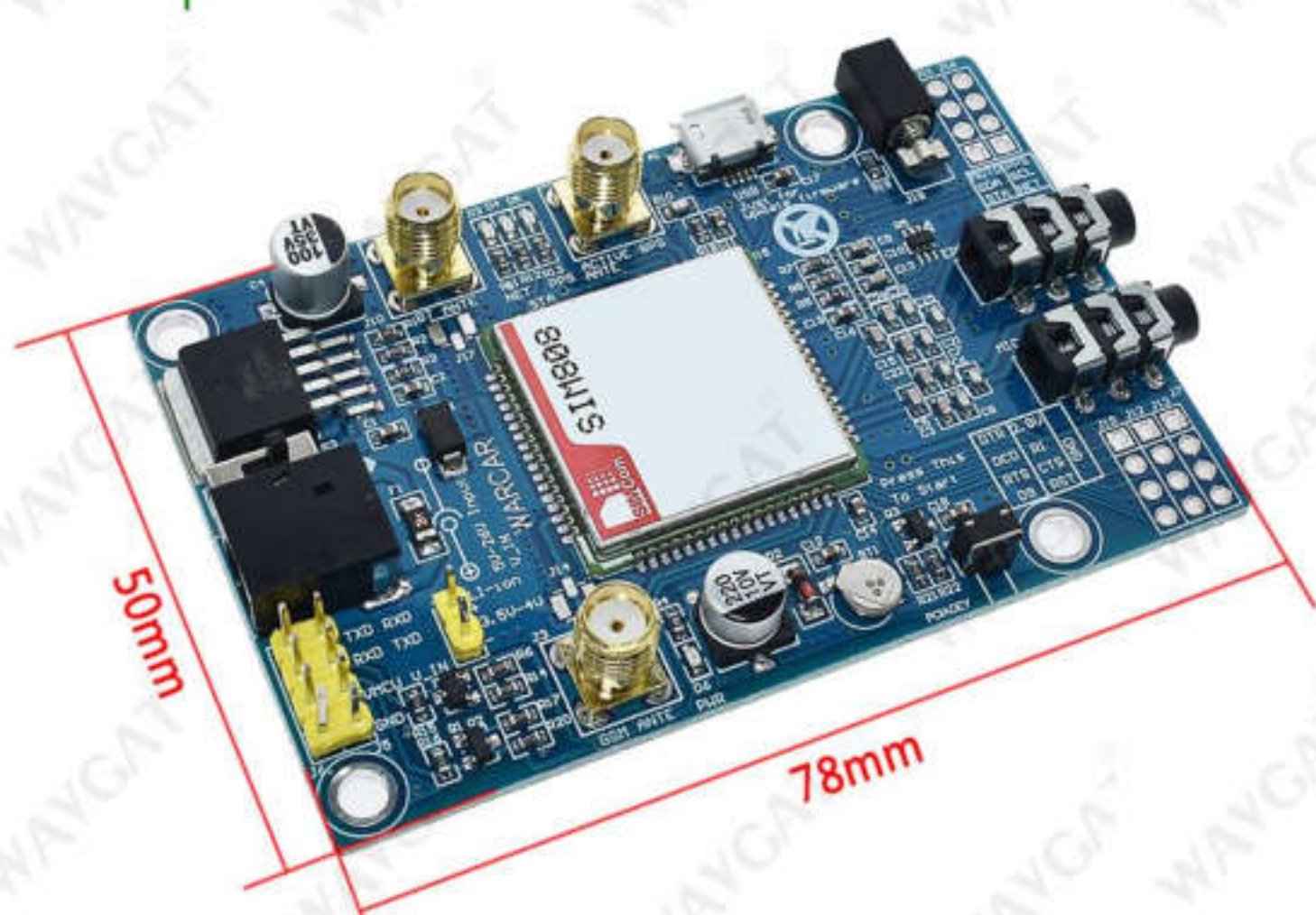
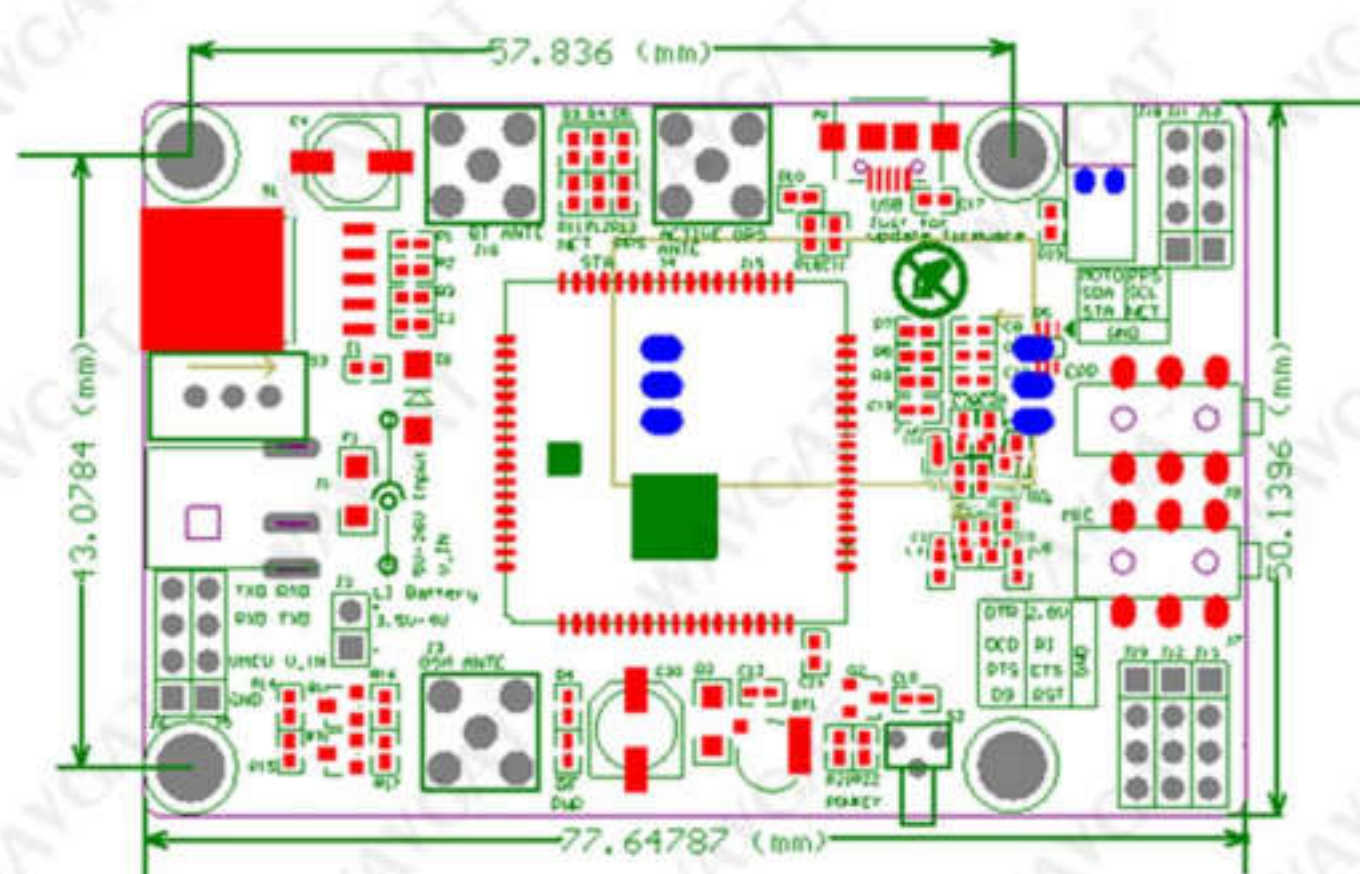


- 1 GPS antenna interface, SMA interface, can connect active antenna (default), can also be connected passive antenna
- 1 GSM antenna interface, SMA interface
- 1 way Bluetooth antenna interface, SMA interface
- One voice interface, one microphone interface
- One high-efficiency LDO power supply, the input voltage is 5~26V. Note that when the input voltage is less than 9V Please ensure that the power supply can provide 2A. 3.5 ~ 4.2V input (suitable for the other power supply port lithium battery)
- 1 way TTL level interface, compatible with 5V 3.3V 2.85V level system
- 1 USB interface, convenient to update SIM808 ancient sword
- All important pins of the chip are led out

Use introduction

1. Insert a Unicom or mobile SIM card
2. Insert GPS antenna, GSM antenna, Bluetooth antenna (select the antenna according to your application)
3. When debugging the computer, please connect the USB-TTL module; when the microcontroller is controlling, please connect to the serial port of the microcontroller
4. Turn on the power adapter
5. Long press (about 2 seconds) the start button
6. Ready to start debugging.

Product size



Product detail



Product picture

