

POWER: 3.7-4.2V power supply provided by the built-in battery

GPS: the through RF\_IN (GPS antenna) receives the GPS satellite signals, GPS-chip RF bandpass filter and pre-processing circuit, a baseband processing system all data needed by the UART (serial port) The main control module for data output.

GSM / GPRS:

GSM uses ARM7EJ-S core baseband processor platform, clocked at up to 312MHz.

Working frequency band: 850MHz, 900MH, 1800MHz, 1900MHz

RF part of the built-in RF Transceirver, band-pass filter, analog to digital conversion completed high frequency signals

Internal component units: GPIO Serial Interface ADC AUDIO Sim Interface ..

GPIO: a digital signal input and output control process responsible

Serial Interfacl: The UART is responsible for receiving GPS data stream signal processing and data analysis done

ADC: The AD is responsible for converting external circuit signal acquisition

AUDIO: providing or receiving voice communication signals MIC and SPEAKER

SIM InterFace: SIM card processing circuit, the use MICRO SIM

Charge Module: charging a processing unit, charging protection unit

GSENSOR: the machine is used to detect whether there are actions