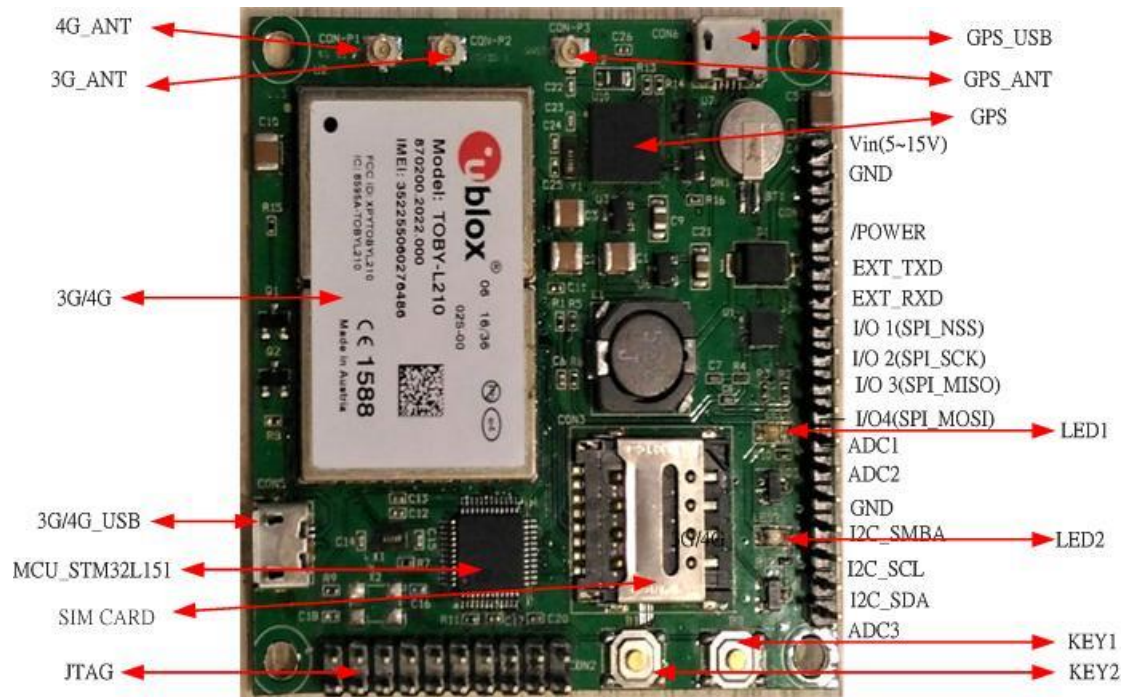


Main Features of GATEWAY-1000



● 5 Modules:

- u-blox 3G or 4G Cellular Module
- u-blox GPS Module
- STM32LI51 MCU
- 5–15VDC External Power (e.g., from USB or Automobile Cigar Lighter)
- SIM Card Holder (Micro SIM)

● 3 UARTs:

- External UART for User's Device ⇔ STM32LI51 MCU
- Internal UART for GPS Module ⇒ STM32LI51 MCU
- Internal UART for Cellular Module ⇔ STM32LI51 MCU

● 2 USBs:

- External USB for GPS Module ⇒ User's Device
- External USB for Cellular Module ⇔ User's Device

● 12 GPIOs

- Can be configured as SPI*1, ADC*3, I2C*1 or USART*1

● 3 packages of software:

- AT commands set
- Customer-designed interfaces between GATEWAY-1000 and the User's Device
- A built-in APP can send GPS data to the server per 30 seconds automatically, then users can locate the car (if GATEWAY-1000 inside) on the Google Map.