Getting started with SIM900A module

SIM900's AT command set is fully supported by SIM900A
Pinout:
Features of SIM900A:

- Dual-Band 900/1900 MHz
- GPRS multi-slot class 10/8 GPRS mobile station class B
- Compliant to GSM phase 2/2+Class 4 (2 W @850/900 MHz)
- Class 1 (1 W @ 1800/1900MHz)
- Control via AT commands (GSM 07.07, 07.05 and SIMCOM enhanced AT Commands)
- Low power consumption: 1.5mA(sleep mode)
- Operation temperature: -40°C to +85 °C

for more info:
• The default baud rate is 115200.

• Connect **PWR & GND momentarily** to power up the module.

• Min input voltage 6V. Recommended operating voltage 7.5V.

• If the module goes out of power after couple of seconds after power up then check your power source.

• Basic AT commands:
  
  • AT (expected output OK)
  
  • AT+CPIN? (expected output +CPIN:READY)
  
  • AT+CREG? (expected output +CREG:0,1)
The module in operation: