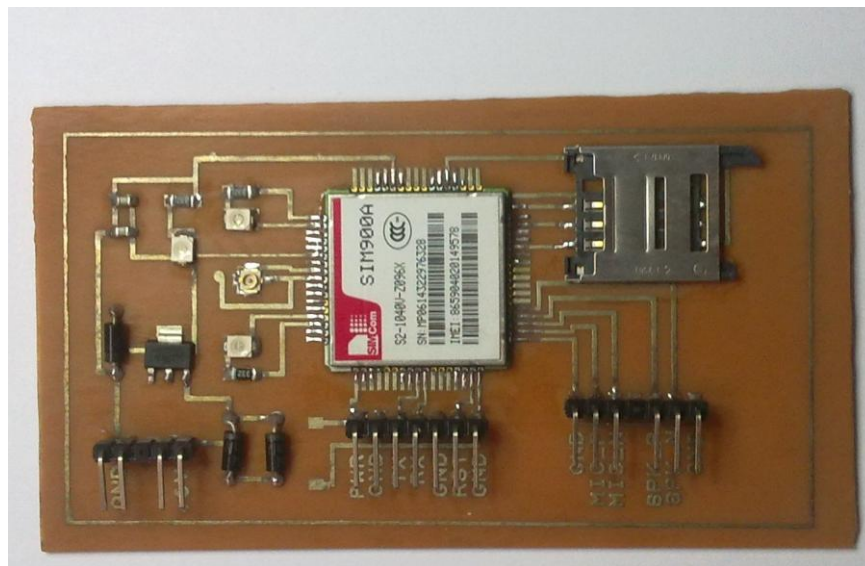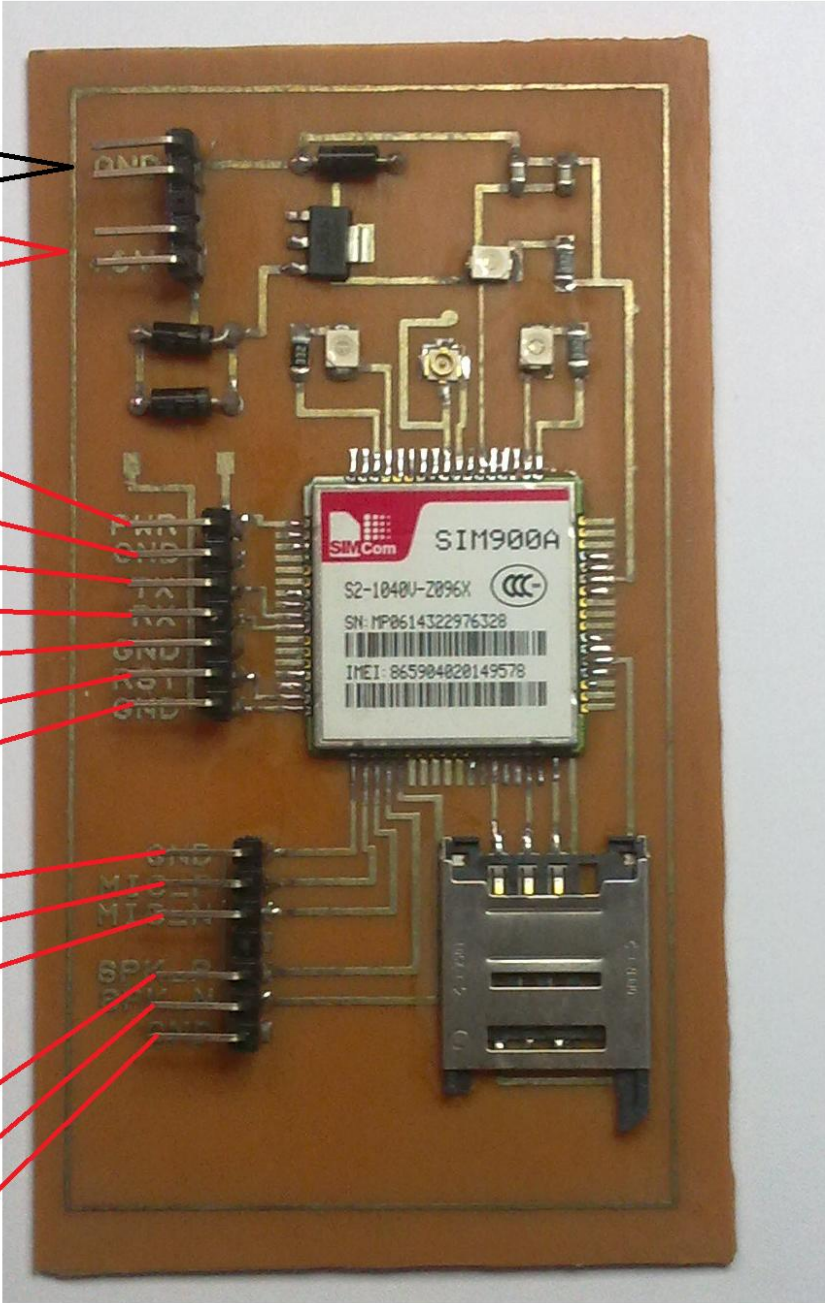# Getting started with SIM900A module



SIM900's AT command set is fully supported by SIM900A

# Pinout:



GND

+7.5 v

POWER
GND
TX
RX
GND
RESET
GND

GND
MIC_P
MIC_N

SPEAKER_R
SPEAKER_N
GND

# Features of SIM900A:

- Dual-Band 900/ 1900 MHz
- GPRS multi-slot class 10/8GPRS 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:
http://wm.sim.com/producten.aspx?id=1019

- 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: