

Description:

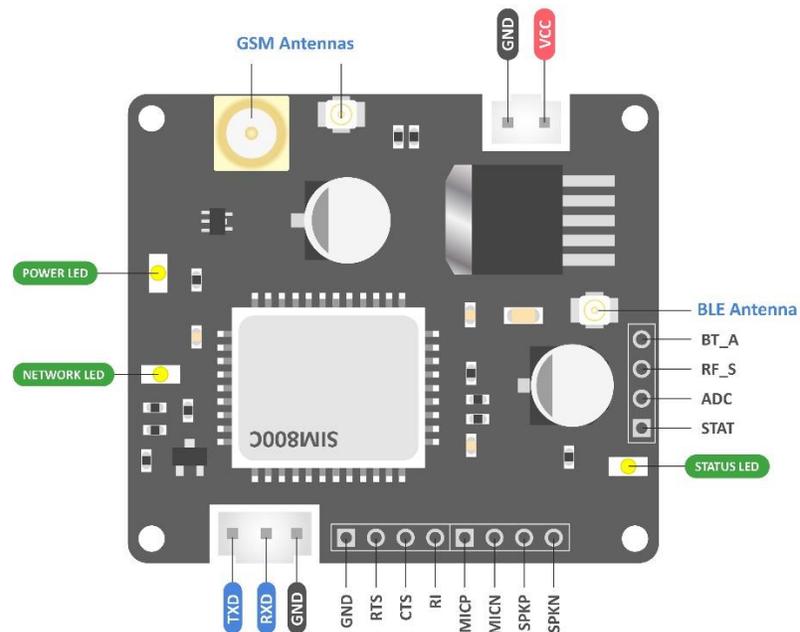
ADIY SIM800C LM39302 TTL BOARD is built with the Quad-Band GSM/GPRS engine-SIM800C, works on frequencies 850/900/1800/1900MHz. LM39302R-ADJ 3.0A is a low-dropout linear voltage regulator that provides a low voltage, high-current output with a minimum of external components. The baud rate is configurable through AT command. The GSM/GPRS modem has an internal TCP/IP stack to enable you to connect with the internet via GPRS. This module is suitable for SMS, Voice as well as DATA transfer applications in the M2M interface. The onboard Regulated Power supply allows you to connect a wide range of unregulated power supply. Using this modem, you can make audio calls, SMS, Read SMS, attend the incoming calls and internet etc., through a simple AT command.

Features:

1. Input Voltage: 5-20V
2. Quad-Band GSM/GPRS 850/900/1800/1900MHz
3. Configurable Baud Rate
4. Power controlled using LM39302 IC
5. ESD Compliance
6. Enable MIC and Speaker socket.
7. Push-push Nano sim card holder
8. With UFL and SMA connector Antennas

Pin Configuration:

ADIY SIM800C LM39302 TTL Board



RTS : Request to send
CTS : Clear to send
RI : Ring core pin tips

MICP : Mic Input (+ve)
MICN : Mic Input (-ve)
SPKP : Speaker Output (+ve)
SPKN : Speaker Output (-ve)

BT_A : BLE Antenna
RF_S : RF_Sync
ADC : Analog-to-digital Converter
STAT : Status

1. VCC: Input range is 5-20V.
2. GND: Power supply ground
3. TXD: send pin serial port module.
4. RTS: Request to send.
5. CTS: Clear to send.
6. BT_A: BLE Antenna
7. RF_S: RF Sync
8. ADC: Analog-to-digital Convertor
9. STAT: Status
10. RXD: receive pin serial port module.
11. SPKP: Speaker pin (+)
12. SPKN: Speaker pin (-)
13. MICN: Mic pin (-)
14. MICP: Mic pin (+)
15. RI: Ring core pin tips

Applications:

- Industrial automation.
- GPRS based data logging.
- GPRS and BLE application.
- Home automation.
- Health monitoring.
- Agriculture automation.
- Vehicle tracking.
- Remote monitoring and controlling.
- GPRS based Weather report logging.
- GSM GPRS based Security alert.
- GPRS based remote terminal for file transfer.
- Bulk SMS sending.

