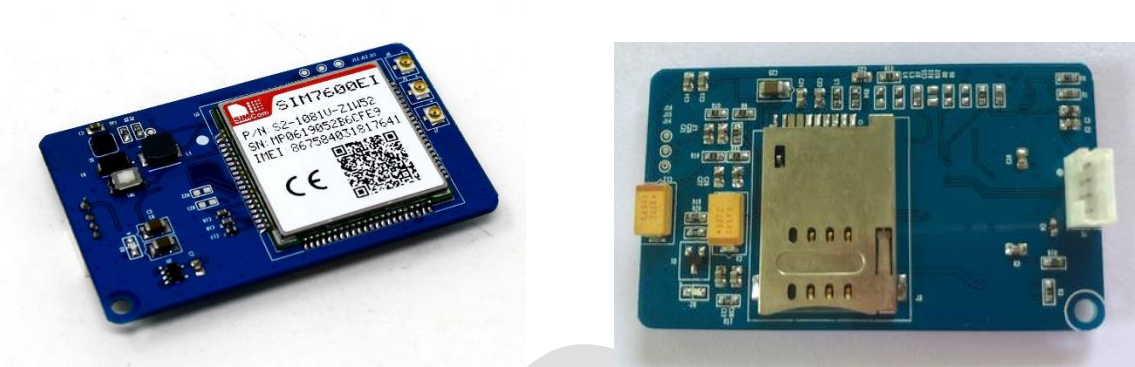# SIM7600EI 4g Modem

SIM7600EI is a complete multi-band LTE-FDD/LTE-TDD/HSPA+/UMTS/EDGE/GPRS/GSM module solution in LCC type which supports LTE CAT1 up to 10Mbps for downlink and 5Mbps for uplink data transfer. Designed in the compact and unified form factor, SIM7600EI is compatible with SIMCom HSPA+ SIM5360 module/LTE CAT3 SIM7100 and LTE CAT4 SIM7600E-H module, which allows the customer to design their application once for different technology and benefit from great development time-saving.
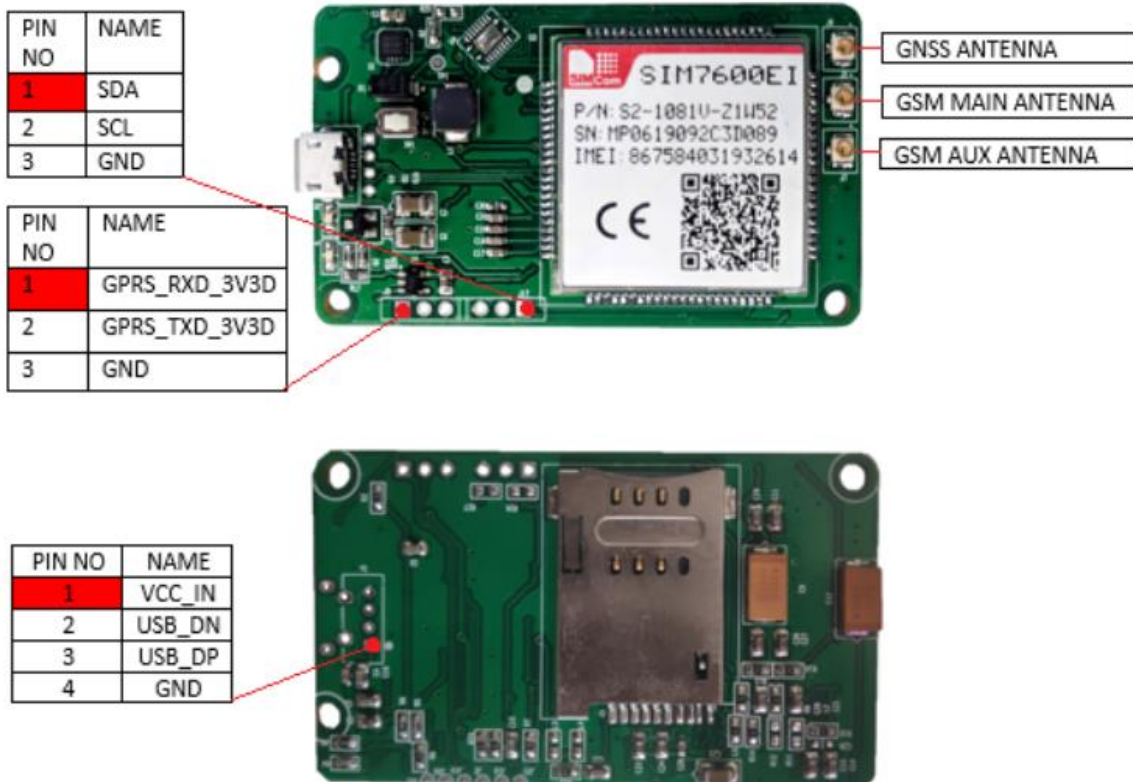
Features:

1. LTE-TDD B40/B41
2. LTE-FDDB1/B3/B5/B8
3. UMTS/HSPA+ B1/B8
4. GSM/GPRS/EDGEB3/B8
5. LCC Package
6. Control Via AT Commands
7. 3GPP E-UTRA Release 11
8. USB Driver for Microsoft Windows 2000/XP/Vista/Win7/Win/Win10
9. USB Driver for Linux /Android
10. RIL supporting for Android 2.4/4.0/5.0/6.0/7.0
11. MBIM to Win8
12. Firmware update via USB
13. TCP/IP/IPV4/IPV6/Multi-PDP/FTP/FTPS /HTTP/HTTPS/DNS
14. SSL3.0/TLS1.0/TLS1.2
15. DTMF (Sending and Receiving)
16. Audio Playing
17. USB Audio and VoLTE
18. FOTA

Connection reference USB to Module:

Sr.No	USB Wire Connection	SIMCOM 7600X Board
1	Black Wire (GND)	GND
2	Green Wire (USB D -)	D-
3	White Wire (USB D+)	D+
4	Red Wire (VCC)	*VCC

Pinout Description:

SIM7600EI 4G LTE High-Speed Modem GPS/GNSS IoT board

PIN NO	NAME
1	SDA
2	SCL
3	GND

PIN NO	NAME
1	GPRS_RXD_3V3D
2	GPRS_TXD_3V3D
3	GND

GNSS ANTENNA

GSM MAIN ANTENNA

GSM AUX ANTENNA

PIN NO	NAME
1	VCC_IN
2	USB_DN
3	USB_DP
4	GND

This SIM7600EI 4G LTE High-Speed Modem GPS/GNSS IoT board has strong extension capability with rich interfaces including UART, USB2.0, SPI, I2C, Keypad, PCM, etc. With abundant application capabilities like TCP/UDP/FTP/FTPS/HTTP/HTTPS/SMTP/POP3 and MMS, the module provides much flexibility and ease of integration for the customer's application.

Installation Steps:

1. Unzip driver file (Given in an Attachment)
2. Open Mange from My computer
3. Open device manager
4. Right-click on LPT &COM Port.
5. Click on port & open properties.