GPRS Shield V3.0

SKU 113030009

This is version 3.0 of GPRS Shield.

Hook your Arduino up to GSM/GPRS cell phone network with GPRS shield! You can use your Arduino/Seeeduino or other main boards to dial a phone number or send a text to your friend via easy to use AT commands now.

GPRS Shield features a quad-band low power consumption GSM/GPRS module SIM900 as well as a compact PCB antenna.Meanwhile, improvements on interfaces and basic circuit have been taken to make it more concise and reliable.

And there're two choices for you to communicate GPRS shield with the main board -- UART or SoftwareSerial.

The difference between this version and the previous version is, changing the arduino socket to the latest Arduino Uno standard. Except this, all the features are same with the previous version.

- Compatible with standard Arduino and Arduino Mega
- Selectable interface between hardware serial port and software serial port
- Quad band support: 850/900/1800/1900MHz
- Support TCP/UDP protocols
- Full control via AT commands set: Standard - GSM 07.07 & 07.05 and Enhanced - SIMCOM AT Commands
- 2-in-1 headset jack
- Convenient external SIM card holder
- Low power consumption: 1.5mA(sleep mode)

Specification

- Compatible:Arduino UNO/Seeeduino directly ; Other main board via jumpers;
- Selectable interface:UART, Software seria;
- Quad band support:850/900/1800/1900MHz;
- Communication support:Standard - GSM 07.07 & 07.05 and Enhanced - SIMCOM AT Commands;
- Operation temperature:-40°C to +85 °C;
- Protocol support:0710 MUX protocol, embedded TCP/UDP protocol, FTP/HTTP, FOTA, MMS, embedded AT;
- Certification of SIM900:CE, IC, FCC, ROHS, PTCRB, GCF, ICASA, REACH, AT&T
- Dimensions: 68.58 * 53.34mm;
- Power supply:5v via 5V pin, 6.5~12v via Vin pin;

Technical Details

Dimensions	100mm x 65mm x 30mm
Weight	G.W 47g
Battery	Exclude
Compatible	Arduino UNO/Seeeduino directly ; Other main board via jumpers
Selectable interface	UART, Software seria
Quad band support	850/900/1800/1900MHz
Communication support	Standard - GSM 07.07 & 07.05 and Enhanced - SIMCOM AT Commands
Operation temperature	-40°C to +85 °C
Protocol support	0710 MUX protocol, embedded TCP/UDP protocol, FTP/HTTP, FOTA, MMS, embedded AT

Certification of SIM900	CE, IC, FCC, ROHS, PTCRB, GCF, ICASA, REACH, AT&T
Dimensions	68.58 * 53.34mm
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Part List

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ECCN/HTS

ECCN	5A991.b
HSCODE	8517709000