![Seeed studio logo]

Grove - W600

SKU 113020031

The Grove - W600 is a cost-effective 2.4GHz WiFi module for Arduino, build around the W600 Module, support 802.11b/g/n. The Seeed W600 Module features ARM Cortex-M3 with 1MB on-chip flash and freeRTOS kernel.

The Grove - W600 has one Grove connector, two buttons(reset & config) and three LED indicators(power/reset/wifi). As you can see, there is also an onboard PCB antenna in the W600 Module. This module support AT command, so just plug the Grove - W600 into your Arduino compatible systems, it can enable the WiFi ability easily via the software UART. We also take the pins of the W600 chip out and put them on the back of the board, in case you need to use the I2S/I2C/SPI/GPIO pins(our library do not support this part).

The most exciting part is that with the help of Android / IOS app it supports One Shot Activity function, which means you can connect and disconnect the WiFi network by pressing a single button. What a convenience!

We really think the W600 is a cost-effect and powerful WiFi chip, and we seriously consider it as an ESP8266 competitor. So we made it Grove and we hope it may impress you.
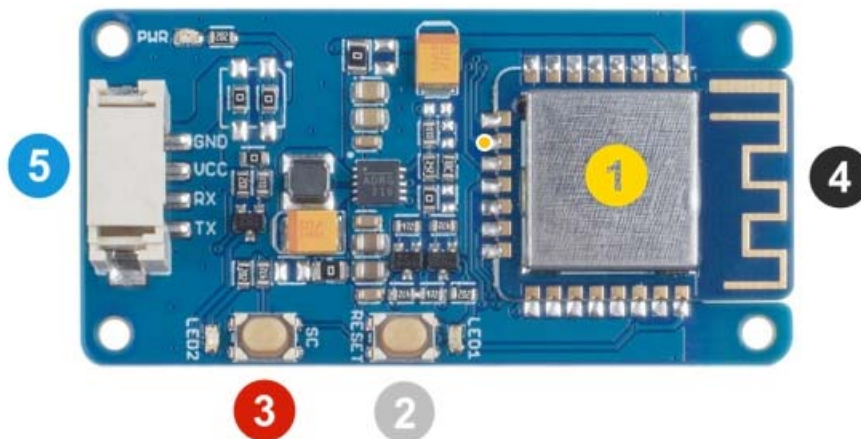
Features
- Support IEEE802.11 b/g/n
- Support 2.4~2.4835 GHz
- Support Wi-Fi WMM/WMM-PS/WPA/WPA2/WPS
- Support multiple network protocols: TCP/UDP/ICMP/DHCP/DNS/HTTP
- Integrated GPIO device controller
- Support for user-programmable GPIO control
- Supports AT+ instruction protocol based on ASCII encoding (UART interface)

Applications
- wireless audio and video
- smart home
- smart toys

Pinout

1 W600 Module

2 Reset Button:
Reset the W600 chip

3 Config Button:
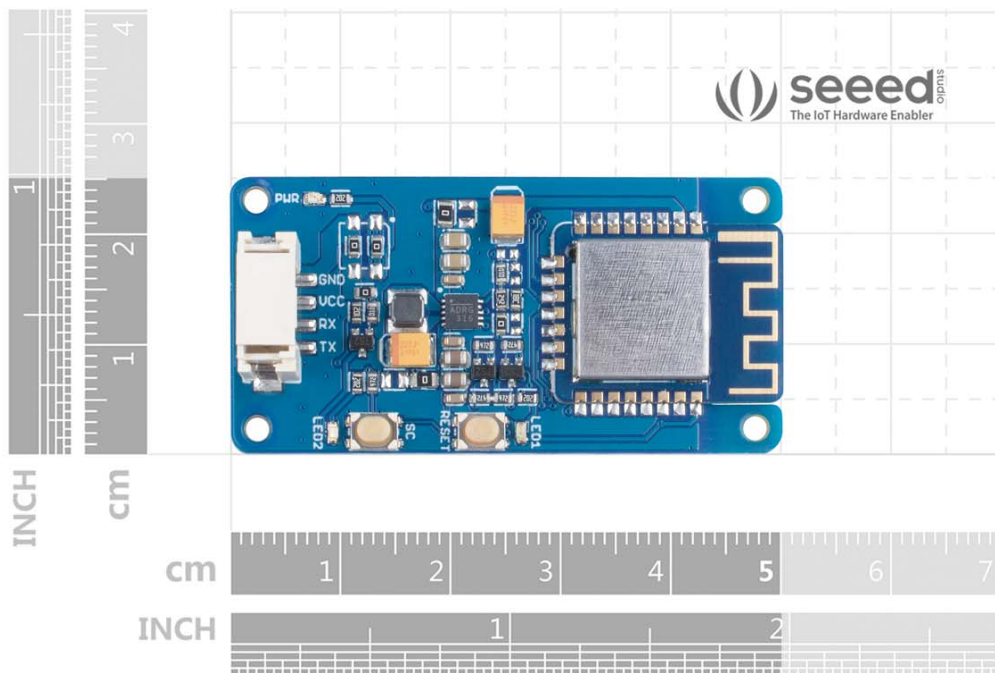Configure network connection or disconnect

4 Reset Button:
On-board wifi antenna

5 Grove UART:
Soft Uart, Avr chip use D2/D3 by default/ SAMD21 chip use serial1

ECCN/HTS

ECCN	5A002.a.1
HSCODE	8517709000
UPC	

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for WiFi Development Tools (802.11) *category:*

Click to view products by Seeed Studio *manufacturer:*

Other Similar products are found below :

BCM943362WCD4_EVB YSAEWIFI-1 CYW94343WWCD1_EVB AMW136-E03 SKY65981-11EK1 QPF7200PCBA-410 QPF7221PCK-01 AMW037-E01 ISM43903-R48-EVB-E QPF4206BEVB01 QPF4288EVB-01 QPF7219EVB-01 SLEXP8023A SKY85734-11EK1 2471 WRL-13711 2999 3010 450-0173 3031 3032 3046 3060 3061 AT88CKECC-AWS-XSTK MIKROE-2542 ABX00004 ABX00011 BOOSTXL-CC3120MOD WBSBHVGXG Imp005-Breakout LAUNCHCC3220MODASF 3213 Imp004m-Breakout ESP-LAUNCHER 3269 QPF4538PCK-01 ESP8266-EVB-BAT SKY85402-11EK1 SKY85325-11EK1 SKY85314-11EK1 ASD2123-R WRL-13804 8265.NGWMG.DTX1 DEV-13907 TEL0111 UP-3GHAT-A20-0001 DFR0475 3022 3044