

Grove - 6-Position DIP Switch

SKU 111020043

The Grove - 6-Position DIP Switch has 6 individual switch positions, which use I2C to transmit data. It works great as a multi-channel control switches.

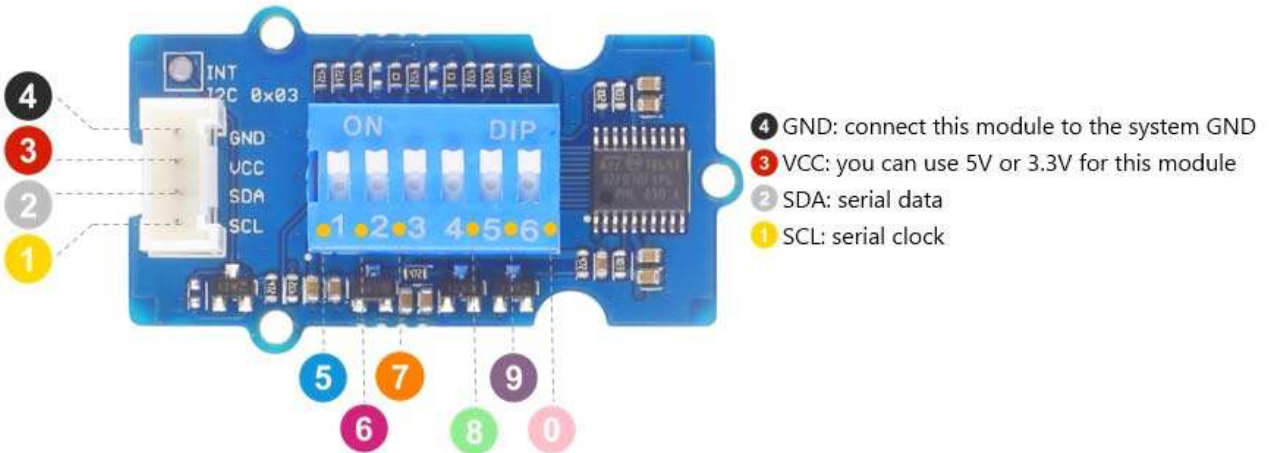
Features

- 6 individual switch
- Good heat resistance
- Long operating Life
- I2C interface
- Grove compatible

Typical Application

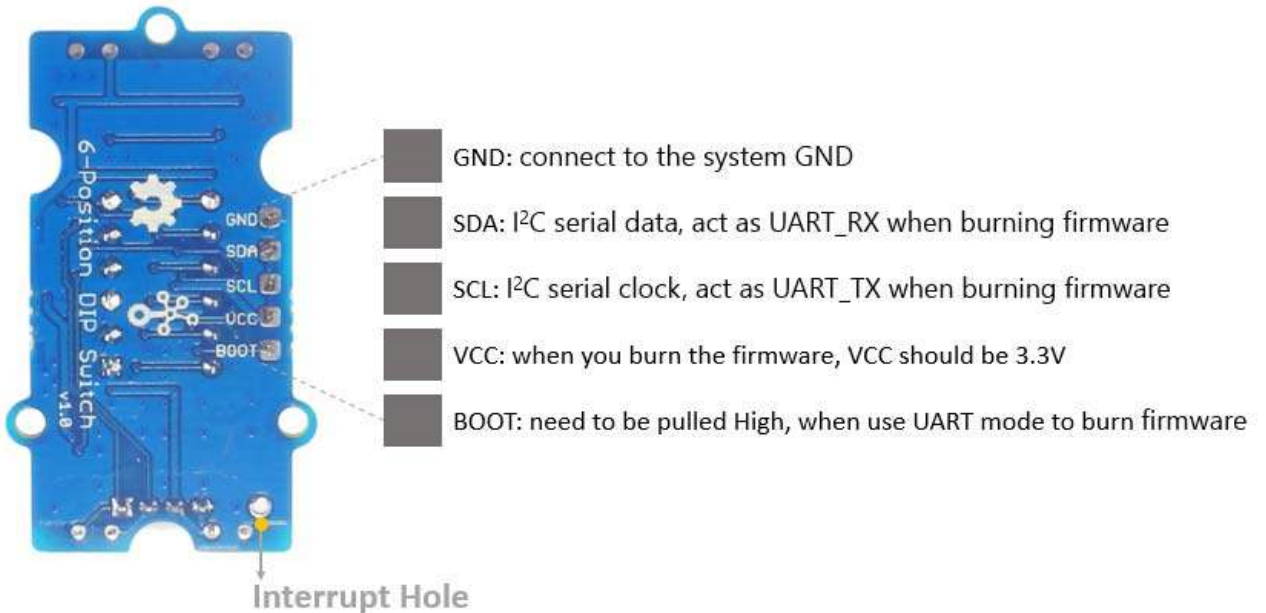
- Multi-channel control

Pin Map



- 4 GND: connect this module to the system GND
- 3 VCC: you can use 5V or 3.3V for this module
- 2 SDA: serial data
- 1 SCL: serial clock

- 5 Switch 1: default High, become Low when turn the switch to **ON**
- 6 Switch 2: default High, become Low when turn the switch to **ON**
- 7 Switch 3: default High, become Low when turn the switch to **ON**
- 8 Switch 4: default High, become Low when turn the switch to **ON**
- 9 Switch 5: default High, become Low when turn the switch to **ON**
- 0 Switch 6: default High, become Low when turn the switch to **ON**



- GND: connect to the system GND
- SDA: I²C serial data, act as UART_RX when burning firmware
- SCL: I²C serial clock, act as UART_TX when burning firmware
- VCC: when you burn the firmware, VCC should be 3.3V
- BOOT: need to be pulled High, when use UART mode to burn firmware

Technical Details

Dimensions	40mm x 20mm x 0mm
Weight	G.W 10.30g
Battery	Exclude

Part List

Grove - 6-Position DIP Switch	1
Grove Cable	1

ECCN/HTS

ECCN	EAR99
HSCODE	8536500000

