



## Grove - Mech Keycap

SKU 111020049

The Grove-Mech keycap is a mechanical switch with a build-in LED. The 255 full color RGB LED makes it simple and easy to show the statuses of your switch. This keycap is very reliable with 20,000,000 times press operating life.

You will find that this is an interesting and stable module to make some really fun project or product. Actually, you even can make a mechanical keyboard using several Grove-Mech keycaps.

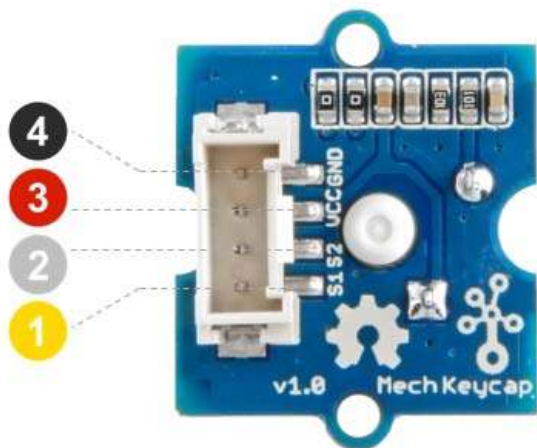
### Features

- Programmable LED
- Reliable mechanical structure
- Extremely long operating Life

### Typical Applications

- automotive devices
- visual devices
- home electrical appliances
- information devices

## Pin Map



- 4 GND: connect this module to the system GND
- 3 VCC: you can use 5V or 3.3V for this module
- 2 S2: input control signal for LED
- 1 S1: output signal for button

## Technical Details

Dimensions	20mm x 20mm x 0mm
Weight	G.W 10.30g
Battery	Exclude
Working Voltage	3.3V / 5V
Insulation Resistance	100MΩ Min.
Contract Resistance	200 mΩ Max.
Operating Life without Load	20,000,000 (times)

Part List

Grove - Mech Keycap	1
Grove Cable	1

ECCN/HTS

ECCN	EAR99
HSCODE	8536500000

