

INDUSTRIAL PRODUCT DATASHEET

# Grove Creator Kit - $\beta$ - 30 Grove functional modules in one box, cost-effective, free&detailed tutorials, beginner-friendly, project- helper

A cost-effective, beginner-friendly kit with 30 modules and free tutorials for electronics learning and project development.

SKU

110020229

UPDATED

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PRICE

\$69.00(Excl. VAT)



# Overview



The Grove Creator Kit -  $\beta$  contains 30 functional modules including actuators, sensors, wireless modules, and a display, all provided at a 42% discount totaling \$46. It supports Raspberry Pi and Arduino programming, comes with detailed free tutorials, and enables edge AI and IoT projects when paired with Wio Terminal or reTerminal.

## Key Features

- **Multiple Modules in One Box:** Includes 2 actuators, 2 wireless modules, 9 analogue inputs, 1 display, 5 LEDs, and 11 sensors
- **Cost-effective Kit:** 42% discount for a total value of \$46 only
- **Beginner-friendly Tutorials:** Provide detailed and free tutorials for each module
- **Well Compatibility:** Support Raspberry Pi and Arduino programming
- **Huge Potential:** Develop projects with **Wio Terminal** or **reTerminal** for edge AI and IoT application scenarios

# Product Gallery



# Applications

- Primary project develop
- Electronics Learning
- Electronics knowledge educating

## Part List

| Category | Module                                                           | A |
|----------|------------------------------------------------------------------|---|
| Actuator | Grove - Buzzer                                                   |   |
|          | Grove - Vibration Motor                                          |   |
| Display  | Grove - 16 x 2 LCD (White on Blue)                               |   |
| Wireless | Grove - Infrared Emitter                                         |   |
|          | Grove - Infrared Receiver                                        |   |
| Input    | Grove - Tilt Switch                                              |   |
|          | Grove - Rotary Angle Sensor                                      |   |
|          | Grove - Magnetic Switch                                          |   |
|          | Grove - Thumb Joystick                                           |   |
|          | Grove - Switch(P)                                                |   |
|          | Grove - Button                                                   |   |
|          | Grove - Red LED Button                                           |   |
|          | Grove - Yellow LED Button                                        |   |
|          | Grove - Blue LED Button                                          |   |
|          |                                                                  |   |
| LED      | Grove - Green LED                                                |   |
|          | Grove - Chainable RGB Led V2.0                                   |   |
|          | Grove - Multi Color Flash LED (5mm)                              |   |
|          | Grove - Red LED                                                  |   |
|          | Grove - Blue LED                                                 |   |
| Sensor   | Grove - Temperature Sensor                                       |   |
|          | Grove - Water Sensor                                             |   |
|          | Grove - Sound Sensor                                             |   |
|          | Grove - Light Sensor v1.2                                        |   |
|          | Grove - Line Finder v1.1                                         |   |
|          | Grove - Vibration Sensor (SW-420)                                |   |
|          | Grove - Temperature & Humidity Sensor (DHT11)                    |   |
|          | Grove - Moisture Sensor                                          |   |
|          | Grove - Mini PIR Motion Sensor                                   |   |
|          | Grove - Loudness Sensor                                          |   |
|          | Grove - Ultrasonic Ranger                                        |   |
|          |                                                                  |   |
| Cable    | Grove - Universal 4 Pin 20cm Unbuckled Cable                     |   |
|          | Grove - Branch Cable 20cm                                        |   |
|          | Grove - 4 pin Male Jumper to Grove 4 pin Conversion Cable 20cm   |   |
|          | Grove - 4 pin Female Jumper to Grove 4 pin Conversion Cable 20cm |   |

## Compliance & Logistics



|          |            |
|----------|------------|
| HSCODE   | 9023009000 |
| USHSCODE | 9023000000 |
| EUHSCODE | 9023001000 |
| COO      | CHINA      |

## Resource Links

- <https://www.seeedstudio.com/Grove-Creator-Kit-b-p-5464.html>
- [Grove Creator Kit -  \$\beta\$](#)

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