



PRODUCT DESCRIPTION

Grove Creator Kit γ contains 40 different functional Grove modules which help you quickly get started with Arduino and Raspberry Pi. With the full tutorials and all kinds of modules like analogue inputs, displays, sensors, displays, etc, you will not only learn electronics but also be able to create multiple practical projects of your own.

FEATURES

- Multiple Modules in One Box: Includes 5 actuators, 2 wireless modules, 9 analogue inputs, 2 displays, 7 LEDs, and 15 sensors
- 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

APPLICATION

- Smart Music Box
- Smart Garden
- Smart Cup
- Enhanced project develops
- Electronics Learning
- Electronics knowledge educating

SPECIFICATIONS

PRODUCT MODEL

Model Grove Creator Kit - γ

PART LIST

Category	Module	Amount
Actuator	Grove - Buzzer	x1

PART LIST

Category	Module	Amount
	Grove - Relay	x1
	Grove - Vibration Motor	x1
	Grove - Speaker	x1
	Grove - RTC	x1
Display	Grove - 16 x 2 LCD (White on Blue)	x1
	Grove - 4-Digit Display	x1
Wireless	Grove - Infrared Emitter	x1
	Grove - Infrared Receiver	x1
Input	Grove - Tilt Switch	x1
	Grove - Rotary Angle Sensor	x1
	Grove - Magnetic Switch	x1
	Grove - Thumb Joystick	x1
	Grove - Switch(P)	x1
	Grove - Button	x1
	Grove - Red LED Button	x1
	Grove - Yellow LED Button	x1
	Grove - Blue LED Button	x1
LED	Grove - Green LED	x1
	Grove - Chainable RGB Led V2.0	x1
	Grove - Multi Color Flash LED (5mm)	x1
	Grove - Red LED	x1
	Grove - Blue LED	x1

PART LIST

Category	Module	Amount
	Grove LED Bar v2.0	x1
	Grove - RGB LED Stick (10 - WS2813 Mini)	x1
Sensor	Grove - Temperature Sensor	x1
	Grove - Water Sensor	x1
	Grove - Sound Sensor	x1
	Grove - Light Sensor v1.2	x1
	Grove - Line Finder v1.1	x1
	Grove - Vibration Sensor (SW-420)	x1
	Grove - Temperature & Humidity Sensor (DHT11)	x1
	Grove - Moisture Sensor	x1
	Grove - Mini PIR Motion Sensor	x1
	Grove - Loudness Sensor	x1
	Grove - Ultrasonic Ranger	x1
	Grove - Hall Sensor	x1
	Grove - Flame Sensor	x1
	Grove - Touch Sensor	x1
	Grove - 3-Axis Digital Accelerometer($\pm 1.5g$)	x1
Cable	Grove - Universal 4 Pin 20cm Unbuckled Cable	x15
	Grove - Branch Cable 20cm	x2
	Grove - 4 pin Male Jumper to Grove 4 pin Conversion Cable 20cm	x5
	Grove - 4 pin Female Jumper to Grove 4 pin Conversion Cable 20cm	x3