

Grove Beginner Kit for Arduino®

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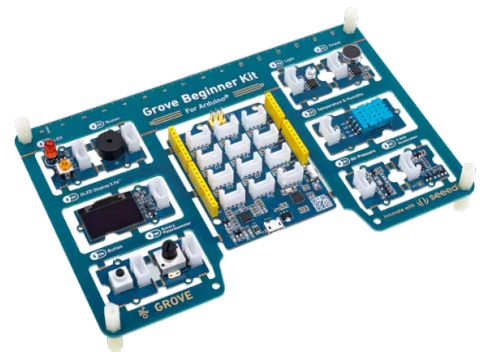
Product Overview

08/30/2022

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

Seeed Studio Grove Beginner Kit for Arduino® is an all-in-one kit that requires no breadboard, no soldering, and no wiring. This kit is powered by one Arduino-compatible Board (Seeeduino Lotus) and ten additional Grove Arduino sensors in one piece of the board. All the modules have been connected to the Seeeduino (Microcontroller) through the PCB stamp holes, so no Grove cables are needed. The Grove beginner kit is ideal for Arduino beginners, STEAM teaching, and getting started with open-source hardware and Arduino coding.



Features

- Arduino UNO compatible board (ATmega328p based Seeeduino Lotus)
- 10 most commonly used Arduino modules
- All modules are pre-wired. No breadboard and jumper cables required
- Ideal for Arduino beginners
- Compatible with over 300 Grove modules

Applications

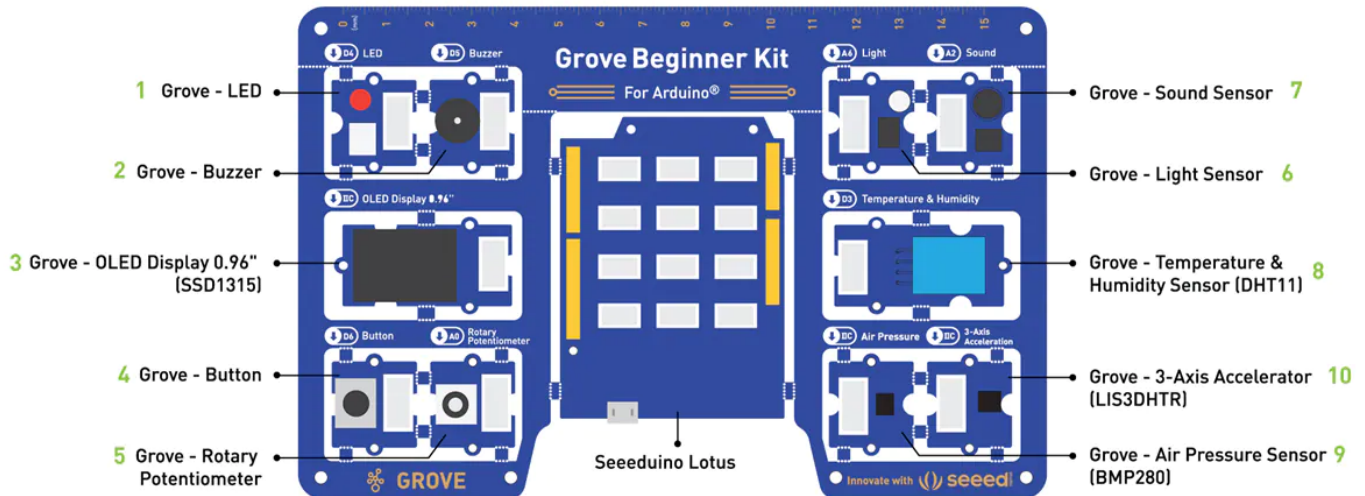
- Suitable for Arduino beginners
- Suitable for STEAM teaching
- Suitable for getting started with open-source hardware and Arduino coding

Kit Contents

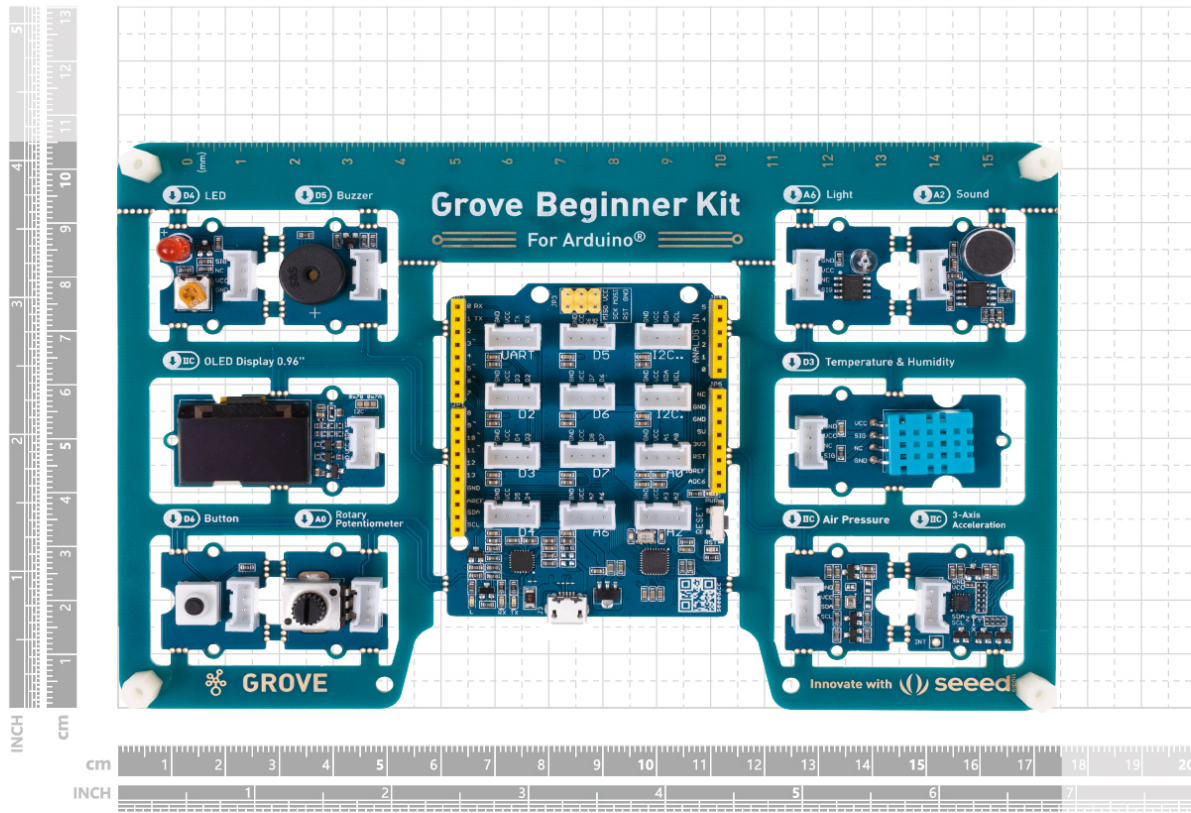
- Included in the kit:
 - 1x Grove beginner kit for Arduino Board
 - 1x Micro USB cable
 - 6x Grove cables
- Included onboard:
 - Grove - 1x LED
 - Grove - 1x buzzer
 - Grove - 1x 0.96" OLED display
 - Grove - 1x button
 - Grove - 1x rotary potentiometer
 - Grove - 1x light
 - Grove - 1x sound
 - Grove - 1x temperature and humidity Sensor
 - Grove - 1x air pressure sensor
 - Grove - 1x 3-axis accelerator
 - 1x Seeeduino Lotus



Hardware Overview



Dimensional Diagram



Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/seeed-studio/seeed-studio-grove-beginner-kit/>