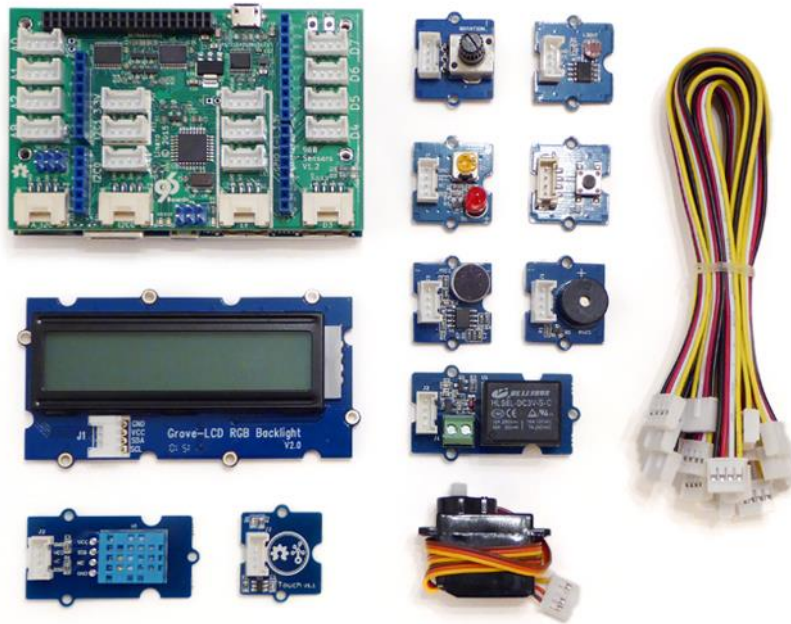# Grove Starter Kit for 96Boards

Description

The 96Boards Sensors starter kit contains everything you need to wire up sensors and devices to a 96Boards single board computer. It contains the 96Boards Sensors mezzanine board with a selection of Grove modules that you can use to start experimenting and prototyping with the 96Boards platform.

Sample projects are provided for all of the included modules, and additional Grove modules can be purchased separately and used with this kit.
Please note: A 96Boards baseboard is not included.

This kit has been tested and works with the Qualcomm Dragon board 410c and the LeMaker HiKey boards.

Features

- Integrated ATMEGA328p microcontroller (Arduino compatible)
- 18 Grove connectors
- http://www.seeedstudio.com/wiki/Grove_System
- 5x baseboard GPIO ports
- 5x I2C ports (1 for baseboard, 2 for microcontroller)
- 5 digital ports (for microcontroller)
- 3x analog ports (for microcontroller)
- 2x SPI connectors (1 to baseboard, 1 to microcontroller)
- Arduino UNO compatible shield connectors
- LED: Power, Reset, 2x baseboard GPIO, 1x microcontroller IO
- UART interface between baseboard and microcontroller
- USB-UART connector for baseboard console and contro

Technical Details

Weight	G.W 339g
Battery	Exclude

Part List

96Boards Sensors Board (part # 96B-05GROVE-C)1	1
Grove - LCD RGB Backlight	1
Grove - Smart Relay	1
Grove - Buzzer	1
Grove - Sound Sensor	1

Grove - Touch Sensor	1
Grove - Rotary Angle Sensor	1
Grove Temperature Humidity Sensor	1
Grove - LED	1
Grove - Light Sensor	1
Grove - Button	1
DIP LED Blue-Blue	1
DIP LED Green-Green	1
DIP LED Red-Red	1
Mini Servo	1
Grove Cables	10
M2.5 8mm nylon spacer	4
M2.5 nylon screw	4
Green Plastic Box	1