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blue terminal blocks on the shield. Because some sensor modules is not used with 5V or 3.3V but with special voltage.

Check out these awesome specifications:

- Extends an Arduino Reset button
- Comes with a built-in power indicator and a D13 indicator
- Breakout all the digital and analog ports of UNO R3 as 3PIN headers
- A serial communication interface
- A I2C communication interface
- A SPI communication interface
- Comes with a URF interface
- Comes with an APC220 interface
- You can supply the voltage needed for sensor modules via terminal blocks.

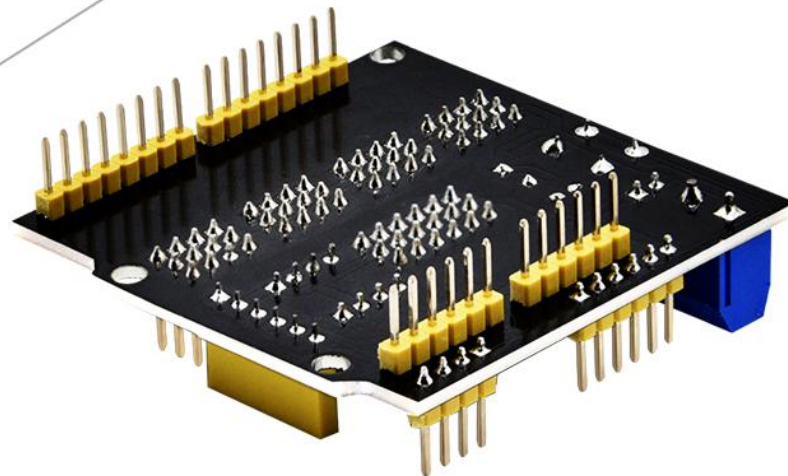
Details:

- Dimensions: 57mm x 57mm x 20mm
- Weight: 20.5g

Controllers Compatible:

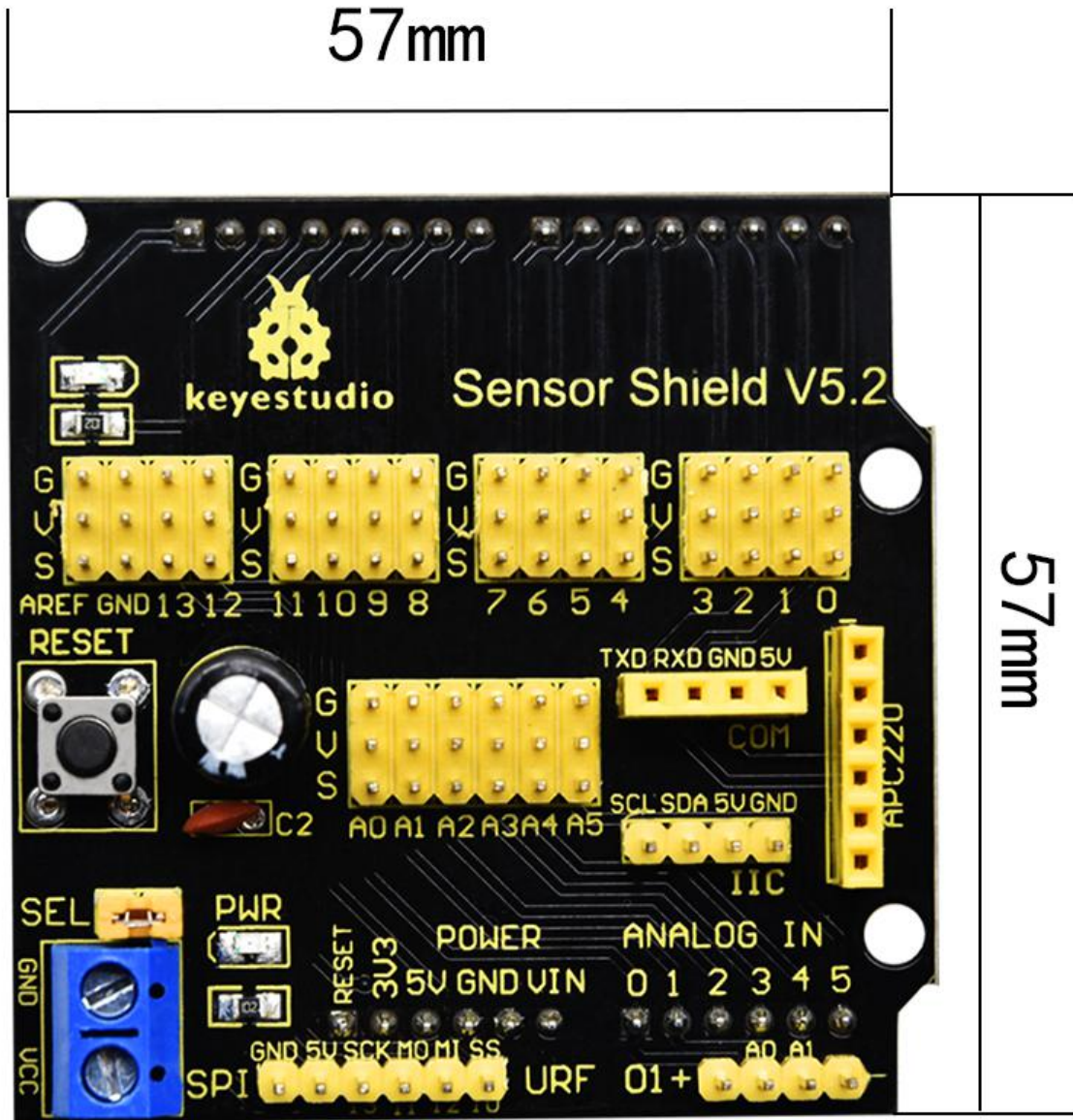
- [keyestudio UNO R3 BOARD](#) /Arduino UNO R3
- [keyestudio EASY plug Control Board](#)
- [keyestudio Leonardo R3 Development Board](#)
- 51duino

◀ Front



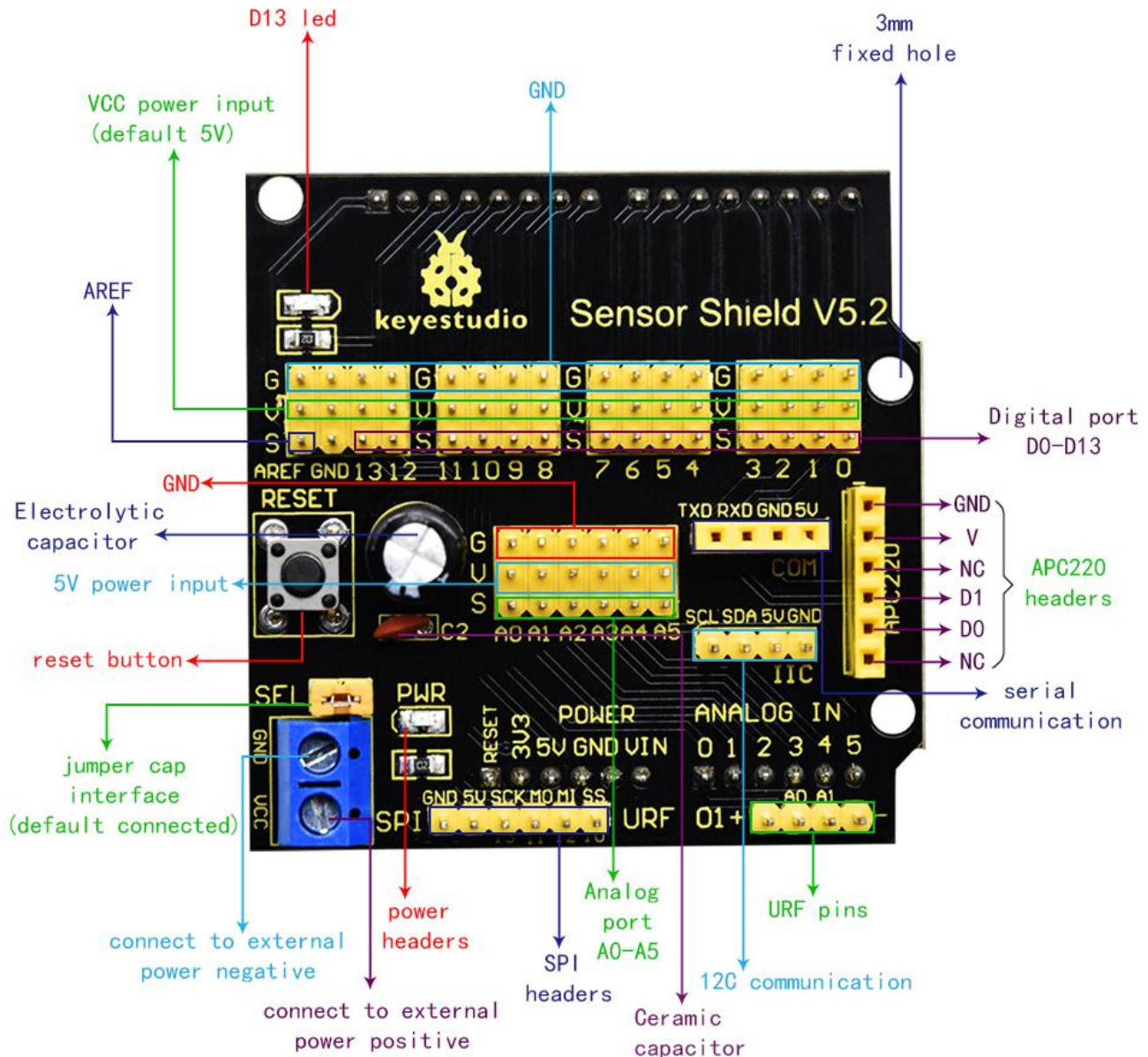
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PCB Dimensions:



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Pinout Instructions:



Note:

When SE is connected with jumper cap, and input DC 7V to VCC /GND terminal block, so the voltage of V, V1 and + pins are 7V.

When SE is connected with jumper cap, and VCC /GND terminal block without voltage input, shield is powered via UNO R3, so the voltage of V, V1 and + pins are 5V.

When SE is disconnected, input DC 7V to VCC /GND terminal block, so the voltage of V pin is 7V, the voltage of V1 and + pins are 0V.

When SE is disconnected, and VCC /GND terminal block without voltage input, shield is powered via UNO R3, so the voltage of V pin is 0V, the voltage of V1 and + pins are 5V.

Example Use:

You can stack the shield onto UNO R3 board. Use a PIR motion sensor and LCD display to build the circuit experiments.

