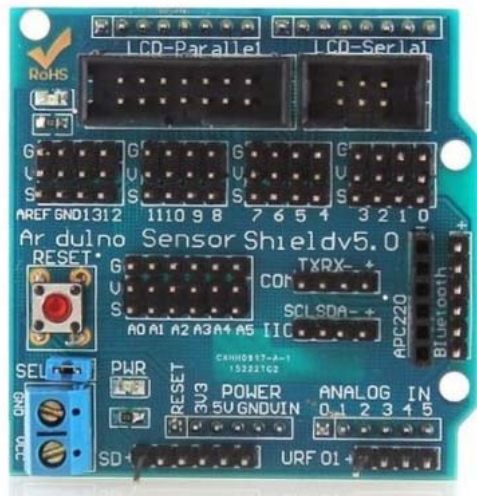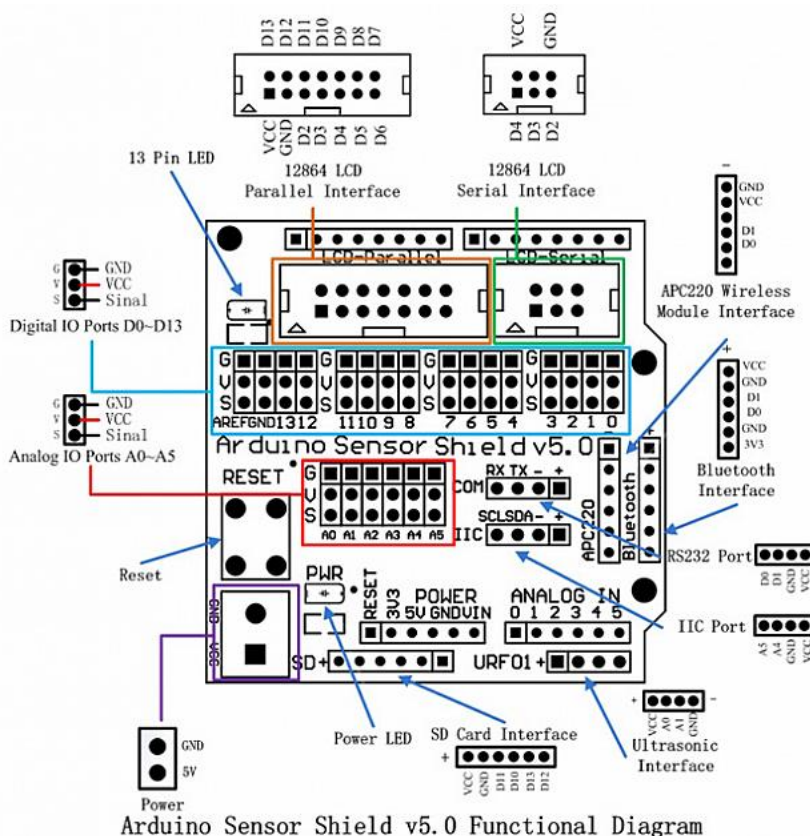# Arduino Sensor Shield V5.0

Description

The Arduino sensor shield allows you to connect to various modules like sensors, servos, relays, buttons, potentiometers etc. to your Arduino Uno. Each pin has a corresponding VCC and GND pin to easily connect a module and supply power to it.

External power support
An extremely useful future is that this shield accepts external power for that high power demanding devices like servos and motors. Next to the power input is a jumper that is used to select between internal power (from your Arduino) and external power.

Arduino Sensor Shield v5.0 Functional Diagram

Arduino sensor shield technical specifications

1. PIN13 LED Pilot

2. Digital IO Ports D0-D13

3. Analog IO Ports A0-A5

4. Reset Button

5. Power In

6. Power LED

7. LCD Parallel Interface

8. LCD Serial Interface

9. UART interface

10. SD interface

11. Bluetooth Interface

Key Features:

I2C interface
Bluetooth module communication interface
SD card module communication interface
APC220 wireless RF modules communication interface
RB URF V1.1 ultrasonic sensors interface
12864 LCD serial and parallel interface
32 servo controller interfaces

Dimensions: Depth 57mm, Height 19mm, Width 57mm, Weight 25g