

Included:

- [Arduino Duemilanove ATmega328](#) - the latest Arduino USB board, fully assembled and tested.
- [6' USB A to B cable](#) - USB provides power for up to 500mA (enough for most projects) and is ample length to connect to your desktop or laptop USB port.
- [Miniature breadboard](#) - Excellent for making circuits and connections off the Arduino. Breadboard may come in various colors.
- [Male to Male jumper wires](#) - These are high quality wires that allow you to connect the female headers on the Arduino to the components and breadboard.
- [Flex Sensor](#) - Originally designed for the Nintendo Power Glove, now you too can measure flex!
- [SoftPot](#) - Measure position along the softpot by looking at the change in resistance. It's like a touch sensitive volume slider.
- [Photocell](#) - A sensor to detect ambient light. Perfect for detecting when a drawer is opened or when night-time approaches.
- [Thermistor](#) - A sensor for detecting ambient temperature and temperature changes.
- [Tri-Color LED](#) - Because everyone loves a [blinky](#). Use this LED to PWM mix any color you need.
- [Basic LEDs](#) - Light emitting diodes make great general indicators.
- [Linear trim pot](#) - Also known as a variable resistor, this is a device commonly used to control volume, contrast, and makes a great general user control input.
- [Buzzer](#) - Make wonderful, brain splitting noises, alarms, and possibly music!
- [12mm button](#) - Because big buttons are easier to hit.
- [330 Ohm Resistors](#) - 5 current limiting resistors for LEDs, and strong pull-up resistors.
- [10k Ohm Resistors](#) - These make excellent pull-ups, pull-downs, and current limiters.