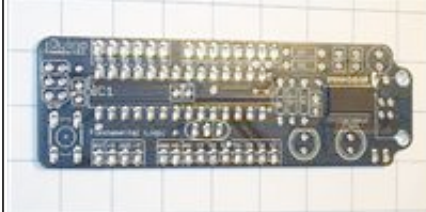


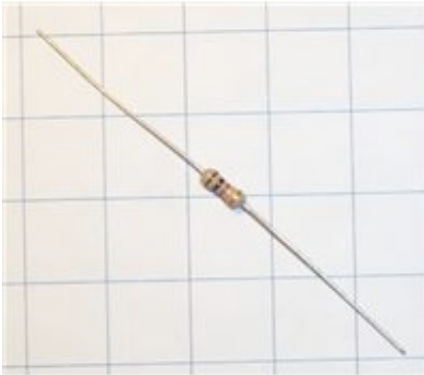





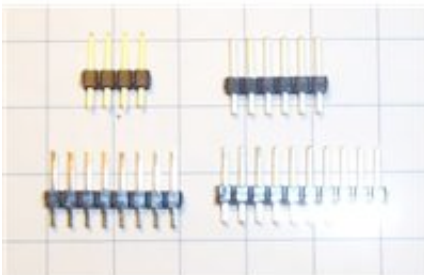


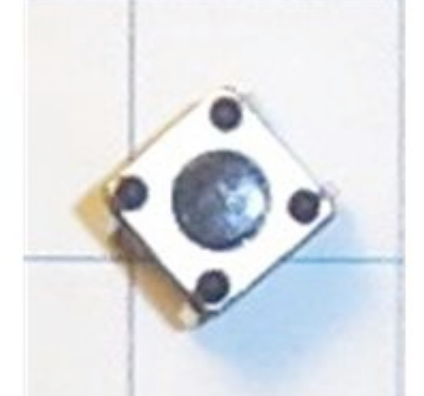
iDuino Parts

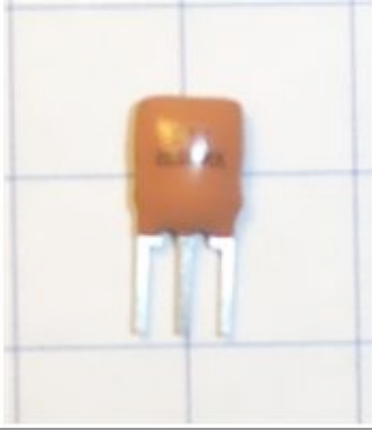
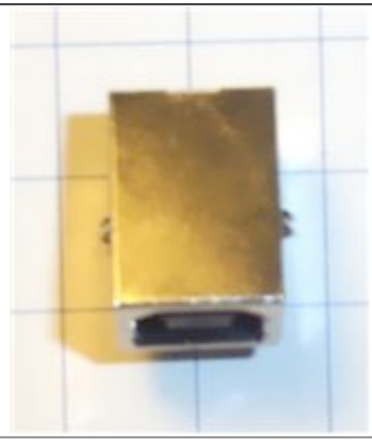
You'll need all of the following parts. If you've purchased a kit, please verify its contents against this list. If you're sourcing your own components, this list includes supplier information.

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	Description	Qty	Supplier
	The iDuino PCB. This is the backbone of your iDuino; the FT232 chip is pre-soldered for your convenience. The USB connector may be pre-soldered as well.	1	Fundamental Logic
	AtMega168 μC. If you purchased a kit, the IC is pre-programmed with an Arduino bootloader.	1	Mouser 556-ATMEGA168-20PU
	28-pin socket. If you purchased a kit, the socket has no middle member.	1	Futurlec ICS28N

	<p>10KΩ Resistor.</p>	<p>1</p>	<p>Various</p>
	<p>1KΩ Resistor.</p>	<p>4</p>	<p>Various</p>
	<p>0.1µF ceramic capacitor.</p>	<p>5</p>	<p>Futurlec C100UMC</p>
	<p>Electrolytic Capacitor. Various values depending on ESR. Must be 6mm diameter or smaller.</p>	<p>1</p>	<p>Various</p>
<p>Pin</p>			

	<p>... Headers. 0.100 spaced pin headers in 4,6,8, and 10 pin. Many people cut these down from longer strips.</p>	<p>1 each (4 total)</p>	<p>Various</p>
	<p>2x3 pin Header.</p>	<p>1</p>	<p>Various</p>
	<p>LEDs. 3mm to 5mm LED. The kit contains two different colors.</p>	<p>2</p>	<p>Various</p>
	<p>6mm Tactile Switch.</p>	<p>1</p>	<p>Futurlec TACT001</p>

	<p>16MHz Ceramic Resonator. This is a 3-pin resonator with integrated capacitors.</p>	1	Mouser 815-AWCR-16.00MD
	<p>Right Angle USB B Connector. Your USB connector may be pre-soldered to the iDuino PCB.</p>	1	Mouser 737-USB-B-S-RA