

## Parts List

Parts	Value	Quantity	Online Store URL
Solderless Breadboard		1	<a href="https://www.sparkfun.com/">https://www.sparkfun.com/</a>
Breadboard Power Supply	3.3 VDC and 5 VDC	1	<a href="https://www.amazon.com/">https://www.amazon.com/</a>
Wall Adapter Power Supply	9 VDC, 650 mA	1	<a href="https://www.sparkfun.com/">https://www.sparkfun.com/</a>
22 AWG Wire	Assorted colors	1	<a href="https://www.sparkfun.com/">https://www.sparkfun.com/</a>
Resistors	Assorted	Many	<a href="https://www.sparkfun.com/">https://www.sparkfun.com/</a>
Capacitors	Assorted	Many	<a href="https://www.sparkfun.com/">https://www.sparkfun.com/</a>
Switch	SPDT	1	<a href="https://www.amazon.com/">https://www.amazon.com/</a>
Photoresistor		1	<a href="https://www.sparkfun.com/">https://www.sparkfun.com/</a>
Potentiometer	10 k	1	<a href="https://www.sparkfun.com/">https://www.sparkfun.com/</a>
Mini Light Bulb	6.15 V, 0.50 amp	1	<a href="https://www.amazon.com/">https://www.amazon.com/</a>
Mini Light Bulb Holder		1	<a href="https://www.amazon.com/">https://www.amazon.com/</a>
Arduino Uno R3 SMD		1	<a href="https://www.amazon.com/">https://www.amazon.com/</a>
Inductor	47 uH	1	<a href="https://www.amazon.com/">https://www.amazon.com/</a>
Breadboard Audio Jack	3.5 mm	2	<a href="https://www.amazon.com/">https://www.amazon.com/</a>