









Arduino					
	1	Atmega328	Adafruit	5.95	<a href="https://www.adafruit.com/products/123">https://www.adafruit.com/products/123</a>
	1	28 pin DIP	Jameco	2.40	<a href="https://www.jameco.com/webapp/wcs/stores/servlet/ProductDisplay?storeId=10001&amp;langId=-1&amp;catalogId=10001&amp;pa=526248&amp;productId=526248">https://www.jameco.com/webapp/wcs/stores/servlet/ProductDisplay?storeId=10001&amp;langId=-1&amp;catalogId=10001&amp;pa=526248&amp;productId=526248</a>
	1	16MHz crystal	Jameco	0.49	<a href="https://www.jameco.com/webapp/wcs/stores/servlet/ProductDisplay?storeId=10001&amp;langId=-1&amp;catalogId=10001&amp;pa=137891&amp;productId=137891">https://www.jameco.com/webapp/wcs/stores/servlet/ProductDisplay?storeId=10001&amp;langId=-1&amp;catalogId=10001&amp;pa=137891&amp;productId=137891</a>
	3	10K resistor	common	0.12	
	2	22pF cap	SparkFun	0.14	<a href="https://www.sparkfun.com/products/8571?">https://www.sparkfun.com/products/8571?</a>
RTC					
	1	DS3231	DigiKey	8.38	<a href="http://www.digikey.com/product-detail/en/DS3231S%23/DS3231S%23-ND/1197574">http://www.digikey.com/product-detail/en/DS3231S%23/DS3231S%23-ND/1197574</a>
	1	12mm CR1220 battery holder	SparkFun	1.50	<a href="https://www.sparkfun.com/products/7948">https://www.sparkfun.com/products/7948</a>
	1	CR1220 battery	Jameco	0.85	<a href="https://www.jameco.com/webapp/wcs/stores/servlet/ProductDisplay?storeId=10001&amp;langId=-1&amp;catalogId=10001&amp;pa=2123784&amp;productId=2123784">https://www.jameco.com/webapp/wcs/stores/servlet/ProductDisplay?storeId=10001&amp;langId=-1&amp;catalogId=10001&amp;pa=2123784&amp;productId=2123784</a>
	1	.1uF cap	SparkFun	0.25	<a href="https://www.sparkfun.com/products/8375?">https://www.sparkfun.com/products/8375?</a>
Logic					
	3	HCF4094 shift registers	Jameco	0.45	<a href="http://www.jameco.com/webapp/wcs/stores">http://www.jameco.com/webapp/wcs/stores</a>
	3	ULN2003A Driver IC	Jameco	0.35	<a href="http://www.jameco.com/webapp/wcs/stores">http://www.jameco.com/webapp/wcs/stores</a>
	6	16 pin DIP	Jameco	.17/10	<a href="https://www.jameco.com/webapp/wcs/store">https://www.jameco.com/webapp/wcs/store</a>
	3	PCB board (min 3)	OSHPark	13.52	
	5	10K Resistor	Common	0.14	
Display					
	98	White LED	eBay	9.00/200	

		1	40 pin header	Sparkfun	1.50	<a href="https://www.sparkfun.com/products/116">https://www.sparkfun.com/products/116</a>
		98	1K resistor	Jameco	0.04/100	<a href="http://www.jameco.com/webapp/wcs/stores">http://www.jameco.com/webapp/wcs/stores</a>
Other						
		1	5V DC adapter – 5mm	sparkfun	5.95	<a href="https://www.sparkfun.com/products/8269">https://www.sparkfun.com/products/8269</a>
		1	8"x8" Shadow box	Michael's	10.00	<a href="http://www.michaels.com/8x8-signature-sh">http://www.michaels.com/8x8-signature-sh</a>
		1	Cardboard for baffles	common		
		1	Transparency for display overlay	common		
			<b>TOTAL</b>		34.54	