

## Materials

qty	component	Price in USD with out taxes	link
1	MDF 6 mm 1200mmX800mm (cutted in tr	\$	5.00 <a href="https://www.homedepot.com.mx/materia">https://www.homedepot.com.mx/materia</a>
2	PCB 100mmX100mm	\$	2.20 <a href="https://www.steren.com.mx/placa-fenolica">https://www.steren.com.mx/placa-fenolica</a>
1	spool of 3d printing filament (i used about	\$	12.90 <a href="https://www.3dmarket.mx/p/filamento-pl">https://www.3dmarket.mx/p/filamento-pl</a>
<b>input</b>			
qty	component	Price in USD with out taxes	link
3	Tactile switch	\$	0.30 <a href="https://www.digikey.com.mx/es/products/">https://www.digikey.com.mx/es/products/</a>
<b>output</b>			
qty	component	Price in USD with out taxes	link
1	12vdc metal geared motor	\$	15.95 <a href="https://www.jameco.com/z/38-001-DC-M">https://www.jameco.com/z/38-001-DC-M</a>
1	5Vdc relay	\$	0.90 <a href="https://www.steren.com.mx/relevador-co">https://www.steren.com.mx/relevador-co</a>
1	LCD display	\$	10.36 <a href="https://www.digikey.com.mx/es/products/">https://www.digikey.com.mx/es/products/</a>
12	UV led lamp	\$	16.95 <a href="https://www.amazon.com.mx/Secadores-l">https://www.amazon.com.mx/Secadores-l</a>
<b>pasive</b>			
qty	component	Price in USD with out taxes	link
2	Res 100ohm	\$	0.20 <a href="https://www.digikey.com.mx/es/products/">https://www.digikey.com.mx/es/products/</a>
3	Res 499 ohm	\$	0.30 <a href="https://www.digikey.com.mx/es/products/">https://www.digikey.com.mx/es/products/</a>
2	Res 1k oohm	\$	0.20 <a href="https://www.digikey.com.mx/es/products/">https://www.digikey.com.mx/es/products/</a>
2	Res 10k ohm	\$	0.20 <a href="https://www.digikey.com.mx/es/products/">https://www.digikey.com.mx/es/products/</a>
1	Elec cap 1 uF	\$	0.20 <a href="https://www.steren.com.mx/capacitor-ele">https://www.steren.com.mx/capacitor-ele</a>
1	Cer cap 0.1 uF	\$	0.20 <a href="https://www.steren.com.mx/capacitor-cer">https://www.steren.com.mx/capacitor-cer</a>
1	Pot 10k ohm	\$	0.45 <a href="https://www.steren.com.mx/potenciomet">https://www.steren.com.mx/potenciomet</a>
1	12VCA, 1.2 Amps power transformer	\$	11.50 <a href="https://www.steren.com.mx/transformad">https://www.steren.com.mx/transformad</a>
<b>active</b>			
qty	component	Price in USD with out taxes	link
1	Adj voltage regulator	\$	0.56 <a href="https://www.digikey.com.mx/es/products/">https://www.digikey.com.mx/es/products/</a>
1	Lin voltage regulator	\$	2.45 <a href="https://www.digikey.com.mx/es/products/">https://www.digikey.com.mx/es/products/</a>
4	General purpuse diode	\$	0.40 <a href="https://www.steren.com.mx/diodo-rectific">https://www.steren.com.mx/diodo-rectific</a>
1	LED green clear	\$	0.31 <a href="https://www.digikey.com.mx/es/products/">https://www.digikey.com.mx/es/products/</a>
1	LED red clear	\$	0.31 <a href="https://www.digikey.com.mx/es/products/">https://www.digikey.com.mx/es/products/</a>
1	ATmega328p tqfp	\$	2.63 <a href="https://www.digikey.com.mx/es/products/">https://www.digikey.com.mx/es/products/</a>

Total

**\$ 84.47**

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