

- Cost Estimate Table

<b>Component</b>	<b>Quantity</b>	<b>Unit Cost</b>	<b>Purchase Link</b>	<b>Total Cost</b>
ATMega328P Microcontroller	1	\$4.47	<a href="https://www.digikey.ca/en/products/detail/microchip-technology/ATMEGA328P-PU/1914589">https://www.digikey.ca/en/products/detail/microchip-technology/ATMEGA328P-PU/1914589</a>	\$4.47
KY-023 Joystick Module	1	\$4.95	<a href="https://secure.sayal.com/STORE4/prodetails.php?SKU=262361&amp;utm_source=google">https://secure.sayal.com/STORE4/prodetails.php?SKU=262361&amp;utm_source=google</a>	\$4.95
MPLAB Snap Debugger	1	\$15.30	<a href="https://www.digikey.ca/en/products/detail/microchip-technology/PG164100/9562532">https://www.digikey.ca/en/products/detail/microchip-technology/PG164100/9562532</a>	\$15.30
AVR programming Adapter	1	\$32.09	<a href="https://www.microchip.com/en-us/development-tool/AC31S18A">https://www.microchip.com/en-us/development-tool/AC31S18A</a>	\$32.09
16x2 HD44780 LCD Display	1	\$10.95	<a href="https://www.adafruit.com/product/1447">https://www.adafruit.com/product/1447</a>	\$10.95
CT-94 EY103 Potentiometer	1	\$3.45	<a href="https://www.digikey.ca/en/products/detail/nidec-components-corporation/CT-94EY103/738422">https://www.digikey.ca/en/products/detail/nidec-components-corporation/CT-94EY103/738422</a>	\$3.45
6V AC Wall Adapter	1	\$16.22	<a href="https://www.digikey.ca/en/products/detail/triad-magnetics/WDU6-600/6819576">https://www.digikey.ca/en/products/detail/triad-magnetics/WDU6-600/6819576</a>	\$16.22
MCP1702 Voltage Regulator	1	\$1.01	<a href="https://www.digikey.ca/en/products/detail/microchip-technology/MCP1702-3002E-TO/1098462">https://www.digikey.ca/en/products/detail/microchip-technology/MCP1702-3002E-TO/1098462</a>	\$1.01
47uF Capacitor	2	\$0.15	<a href="https://www.digikey.ca/en/products/detail/w%C3%BCrth-elektronik/860020472006/5727060">https://www.digikey.ca/en/products/detail/w%C3%BCrth-elektronik/860020472006/5727060</a>	\$0.30

<b>Total Cost:</b>	<b>\$88.74</b>
--------------------	----------------