

## MiniDAQ Bill of Materials

Designator	Component	Number	Cost per unit - currency	Total cost - currency	Source of materials	Material type
Controller board	Arduino Mega 2560	1	\$40.30	\$40.30	<a href="https://store-usa.arduino.cc/products/arduino-mega-2560-rev3?selectedStore=us">https://store-usa.arduino.cc/products/arduino-mega-2560-rev3?selectedStore=us</a>	Electrical Component
EtherCAT board	EasyCAT	1	\$55.59	\$55.59	<a href="https://www.bausano.net/shop/en/home/1-arduino-ethercat.html">https://www.bausano.net/shop/en/home/1-arduino-ethercat.html</a>	Electrical Component
ADC Evaluation Board	A/D converter	1	\$55.00	\$55.00	<a href="https://www.mouser.com/ProductDetail/Analog-Devices/DC682A?qs=ytfliclh7QUU1sdPvjEFblQ%3D%3D">https://www.mouser.com/ProductDetail/Analog-Devices/DC682A?qs=ytfliclh7QUU1sdPvjEFblQ%3D%3D</a>	Electrical Component
Serial converter	RS232 converter	1	\$7.90	\$7.90	<a href="https://www.digikey.com/en/products/detail/mikroelektronika/MIKROE-222/4495513?s=N4lgTCBcDaILYEMAeYDMEC6BfIA">https://www.digikey.com/en/products/detail/mikroelektronika/MIKROE-222/4495513?s=N4lgTCBcDaILYEMAeYDMEC6BfIA</a>	Electrical Component
Precision resistor	Metal Film Resistor	1	\$4.39	\$4.39	<a href="https://www.digikey.com/en/products/detail/vishay-dale/PTF65250R00AXEK/6604108?s=N4lgTCBcDaIAoBUBiA2ArGNAGASlrAggBoCiA0iALoC%2BQA">https://www.digikey.com/en/products/detail/vishay-dale/PTF65250R00AXEK/6604108?s=N4lgTCBcDaIAoBUBiA2ArGNAGASlrAggBoCiA0iALoC%2BQA</a>	Electrical Component