

# Hardware Needed to do Course Projects

 [coursera.org/learn/sensors-circuit-interface/supplement/tupsX/hardware-needed-to-do-course-projects](https://coursera.org/learn/sensors-circuit-interface/supplement/tupsX/hardware-needed-to-do-course-projects)



You will need to buy the following components to do the two course projects based on the videos in this module. Note that if you have already purchased the PSOC 5LP PROTOTYPING KIT, you do not need to buy it again.

These parts may be purchased off the DigiKey website, [www.Digikey.com](http://www.Digikey.com). Or, you may obtain the specs from the site, and purchase them elsewhere.

The part numbers and prices below were updated on 9/14/2025.

Quantity	DigiKey Part Number	Manufacturer Part Number	Description	Unit Price USD	Extended Price USD
1	428-3390-ND	CY8CKIT-059	PSOC 5LP PROTOTYPING KIT	\$21.11	\$21.11
1	NHD-0216BZ-RN-YBW-ND	NHD-0216BZ-RN-YBW	LCD MOD 32 DIG 16 X 2 REFLECTIVE	\$8.55	\$8.55

Quantity	DigiKey Part Number	Manufacturer Part Number	Description	Unit Price USD	Extended Price USD
1	570-1DC103KEC-ND	1DC103K-EC	THERMISTOR NTC 10KOHM 3950K DISC	\$2.40	\$2.40
1	A105970CT-ND	YR1B10KCC	RES 10K OHM 0.1% 1/4W AXIAL	\$0.77	\$0.77

Let me know if you have any questions about this material. I'm here to help!