

Note on purchasing the TI-RSLK-Mechkit required for the course:

To complete the lab assignments, students require the lab bundle kit called TI-RSLK-Mechkit, which can be purchased from **Mouser.com** using the link below:

<https://www.mouser.com/new/texas-instruments/ti-mechatronics-revolution/>

The kit provides all the materials needed to complete the lab assignments and build a small robot.

However, at the current time, Mouser.com does not have delivery to a few specific countries and regions, such as Nigeria.

Students who cannot purchase the TI-RSLK-Mechkit from Mouser.com, can purchase the parts included in the kit separately as shown in the table below from **Digikey.com**, **Adafruit.com** and **Pololu.com**.

The table on the next page lists the items included in the kit, with their URL link from Digikey and the quantity of each part needed for the lab assignments. Please purchase these items if you cannot obtain the kit from Mouser.

Part	Mfr Part Number	Quantity	Digikey URL
TI-RSLK-Max Kit	TIRSLK-EVM	1	https://www.digikey.com/product-detail/en/texas-instruments/TIRSLK-EVM/296-TIRSLK-EVM-ND/11615768 OR https://www.ti.com/store/ti/en/p/product/?p=TIRSLK-EVM
SN754410NE Motor Driver	SN754410NE	1	https://www.digikey.com/product-detail/en/texas-instruments/SN754410NE/296-9911-5-ND/380180
Sharp GP2Y0A21YK0F Analog Distance Sensor 10-80cm	GP2Y0A21YK0F	1	https://www.digikey.com/product-detail/en/sharp-socle-technology/GP2Y0A21YK0F/1855-1062-ND/720159 OR https://www.pololu.com/product/136
JST PH 3-Pin to Female Socket Cable - 200mm	3894	1	https://www.digikey.com/product-detail/en/adafruit-industries-llc/3894/1528-2697-ND/9603620 OR https://www.adafruit.com/product/3894
140-Piece Wire Kit	TW-E012-000	1	https://www.digikey.com/product-detail/en/twin-industries/TW-E012-000/438-1049-ND/643115 OR https://www.digikey.com/product-detail/en/global-specialties/WK-2/BKWK-2-ND/5231341
1N5819 Diodes	1N5819	10	https://www.digikey.com/product-detail/en/on-semiconductor/1N5819G/1N5819GOS-ND/1474211
Small PCB Test Points	5000	10	https://www.digikey.com/product-detail/en/keystone-electronics/5000/36-5000-ND/255326
Small Alligator Clip to Male Jumper Wire Bundle	3255	1	https://www.digikey.com/product-detail/en/adafruit-industries-llc/3255/1528-1794-ND/6419359 OR https://www.adafruit.com/product/3255

Table 1. The parts included in the TI-RSLK-Mechkit, and their individual URL link from Digikey.

Note: The TI-RSLK-Mechkit includes all the parts listed above as one bundle kit, which can be purchased from **Mouser.com** at a discounted price using the link below:

<https://www.mouser.com/new/texas-instruments/ti-mechatronics-revolution/>