Fall 2014

MCT-242

Lab. 3: Components List

In this Lab, we will practice hands-on experience on acquiring and generating analog and digital signals through NI-USB 6008 Data Acquisition Device. The components list needed for this Lab. are:

1. Breadboard
2. LM35 (Temp. Sensor)
3. Simple DC motor (preferred: 2-5 volt)
4. 10k resistor
5. 330 ohm resistor (Quantity:3)
6. Two LEDs with different colors
7. Seven-Segment Display (Common anode)
8. Jumper wires

For those who want to use their Laptops, you must download NI-DAQmx, it is free from the link below. Before downloading, make sure that the version is compatible with you operating system and Labview version. The latest version NI DAQmx 14.0 is suitable for Windows 7 and 8, and Labview 2013.

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