

Digital Oscilloscope

The goal of this lab is to build a digital oscilloscope as described in chapter 6 of your LabView book. To build the oscilloscope you will follow the steps in the book. You also need to configure your DAQ as explained in the pre-lab lecture.

Finally, you will test your oscilloscope VI with a half-wave rectifier and compare the output waveform with the waveform detected by the Tektronix oscilloscope.