



## Completely Open-Source!

We wanted to create OpenScope to enable everyone to learn electronics. This means that we need to invite as many people as possible to contribute ideas and collaborate with others in order to accomplish our mission on accessibility. OpenScope is designed to be as open-sourced as possible; therefore, the hardware, firmware, software, and the mechanical specifications will be made available to anyone who wants to change and/or improve upon the design.

### Features:

- 2 scope channels with 12 bits at 2MHz bandwidth and 6.25 MS/s max sampling rate
- 1 function generator output with 1MHz bandwidth at 10 MS/s update rate
- 10 user programmable DIO pins with 25MHz update rates
- User programmable power supplies supplying up to 50mA and  $\pm 4V$  power
- USB bus powered or externally powered
- On-board WiFi
- Browser-based WaveForms Live multi-instrument software
- Re-programmable through Arduino IDE or Microchip MPLAB X IDE

**We also offer an Accessory Kit add-on option for the OpenScope, which includes the following:**

- Regular-sized Project Box (sticker sheet not included)
- Mini Grabber Test Clips (6-pack)
- USB A to Micro-B Cable
- 8GB microSD Card with Adapter

**What's  
Included:**

- OpenScope
- Flywire cable assembly
- Digilent cardboard packaging with protective foam

