

Software Needed for the Labs

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1. **Arduino IDE:**

- IDE for developing Arduino applications.
- URL: <https://www.arduino.cc/en/software>
- Teensyduino for teensy environment in arduino IDE
- URL: https://www.pjrc.com/teensy/td_download.html

2. **WaveForms:**

- Virtual instrument graphical user interface software for Analog Discovery 2.
- URL: <https://digilent.com/reference/software/waveforms/waveforms-3/start>

3. **Anaconda:**

- Python suite for data processing and machine learning.
- URL: <https://www.anaconda.com/>

4. **TPI Synth and Driver:**

- Software for controlling the TPI RF synthesizers.
- URL: <https://10-20-16-158.cyx1486889023.direct.quickconnect.to:5001/#/signin>
- Username SME5029
- Password: Sme==5029

5. **KiCAD:**

- Software for PCB design
- URL: <https://www.kicad.org/download/>

or you can download these software from this website:

<https://10-20-16-158.cyx1486889023.direct.quickconnect.to:5001/#/signin>

Username: SME5029

Password: Sme==5029