



TAP LAB SAFETY LEVEL:
MODERATE RISK

Read the safety card
Receive induction from a trainer

Oscilloscope

KEY RISKS:



Electric shock



Equipment damage

PURPOSE:

An oscilloscope is used to test and display voltage signals as waveforms, visual representations of the variation of voltage over time. The signals are plotted on a graph, which shows how the signal changes. The vertical (Y) axis represents the voltage measurement and the horizontal (X) axis represents time.



SAFETY:

- Don't exceed probe input limits to prevent damage to the unit.
- The ground level of the oscilloscope and circuit must be the same.
- Properly grounding the oscilloscope protects you from a hazardous shock.
- Properly grounding yourself protects your ICs from damage.