

The Analog Discovery 2

The Analog Discovery 2 transforms any PC into an electrical engineering workstation. This USB-powered device enables to build and test analog and digital circuits in any environment with the functionality of traditional benchtop instruments. In addition to the 100 MS/s two-channel oscilloscope, the Analog Discovery 2 provides a two-channel waveform generator, 16-channel logic analyzer, 16-channel digital pattern generator, spectrum analyzer, network analyzer, voltmeter, and ± 5 VDC adjustable power supplies

Features



- » Two-channel USB digital oscilloscope (1 M Ω , ± 25 V, differential, 14-bit, 100 MSPS, 30 MHz+ bandwidth - with the Analog Discovery BNC adapter board, 1286-1073-ND sold separately).
- » Two-channel arbitrary function generator (± 5 V, 14-bit, 100 MSPS, 20 MHz+ bandwidth).
- » Stereo audio amplifier to drive external headphones or speakers with replicated AWG signals.
- » 16-channel digital logic analyzer (3.3 V CMOS, 100 MSPS)
- » 16-channel pattern generator (3.3 V CMOS, 100 MSPS)
- » 16-channel virtual digital I/O including buttons, switches
- » Two input/output digital trigger signals for linking multiple instruments (3.3 V CMOS)
- » Network analyzer: Bode, Nyquist, Nichols transfer diagrams of a circuit. Range: 1 Hz to 10 MHz
- » Spectrum analyzer - power spectrum and spectral measurements