

New for 2024



Discover More.

ANALOG DISCOVERY 3

The Analog Discovery 3 is a digital oscilloscope, logic analyzer, waveform generator, pattern generator, and much more. Using the flexible WaveForms software (supported by Windows, Mac, and Linux), the Analog Discovery 3 can be used in the lab, in the field, or even at home - you're no longer tied down to a traditional benchtop and stacks of expensive test instruments.

Mixed-Signal USB Oscilloscope:

- Two differential channels with 14-bit resolution at up to 125 MS/s per channel with a +/-25 V input range, 30+ MHz bandwidth with BNC Adapter
- FFT, Spectrogram, Eye Diagram, XY Plot views, and more

Arbitrary Waveform Generator:

- Two channels with 14-bit resolution at up to 125 MS/s per channel with a +/-5 V output range, 12 MHz bandwidth with BNC Adapter
- Standard waveforms, amplitude and frequency modulated signals, direct playback from analog inputs, custom waveforms, and more

Logic Analyzer and Pattern Generator:

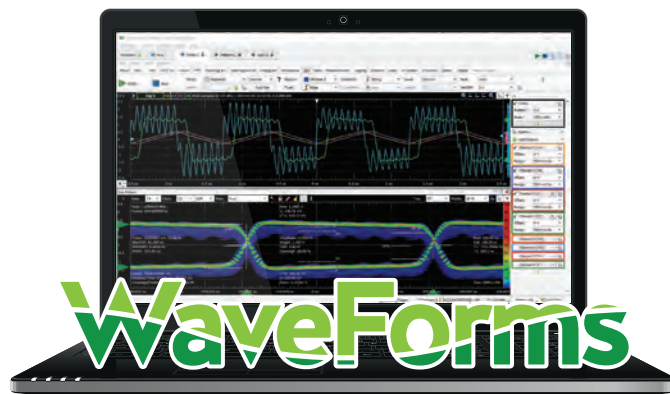
- 16 digital I/O channels at up to 125 MS/s per channel
- SPI, I2C, UART, CAN, JTAG, ROM logic, custom protocols, and more

Programmable Power Supplies

- 0.5 V to 5 V and -0.5 V to -5 V, up to 2.4 W per channel

Additional Features:

- Additional software instruments including Spectrum Analyzer, Network Analyzer, Impedance Analyzer plus many more!
- SDK for hardware control in C, C++, Python, & other languages
- Support for LabVIEW and MATLAB
- Plus more than we can list!



Test And Measurement Pro Series

ANALOG DISCOVERY PRO

ADP5470

ADP5490

All-In-One up to 2GS/s 500MHz Mixed Signal Oscilloscope, Function Generator, Power Supply, and DMM



ADP 5470



ADP 5490

The Ultimate All-In-One Test System

Analog Discovery Pro devices feature a variety of advanced triggering options. Instruments within WaveForms can be cross-triggered, for example, by activating an oscilloscope capture based on a received and decoded digital protocol. In addition, external signals can trigger events using the dedicated external trigger input/output. Our free WaveForms software provides these features configurable in the instruments themselves, or for more control of automation in one of the available scripting interfaces.



What do you need?		ADP5250	ADP5470	ADP5490
High Sample Rate and Bandwidth?	500MS/s and 100MHz across 2 channels	●	●	●
	1.5GS/s and 350MHz for all 4 channels		●	●
	2GS/s and 500MHz for all 4 channels			●
	34 Digital Inputs operating at up to 1 GS/s?	●	●	●
	Bode plot, FFT, and impedance Analyzers?	●	●	●
	DMM supporting CAT II measurements?	●	●	●
Arbitrary Waveform Generator?	20MHz bandwidth for sine, square and ramp signals, and custom waveforms?	●	●	●
	40MHz bandwidth for sine, square and ramp signals, and custom waveforms?			●
Multiple programmable power supplies?	6V -1A, +25V -500mA, -25V -500mA	●	●	●
	6V -3A, +25V -1A, -25V -1A		●	●
	To have everything from the Scope Probes to software to functionality to product support included in a single one-time price?	●	●	●