



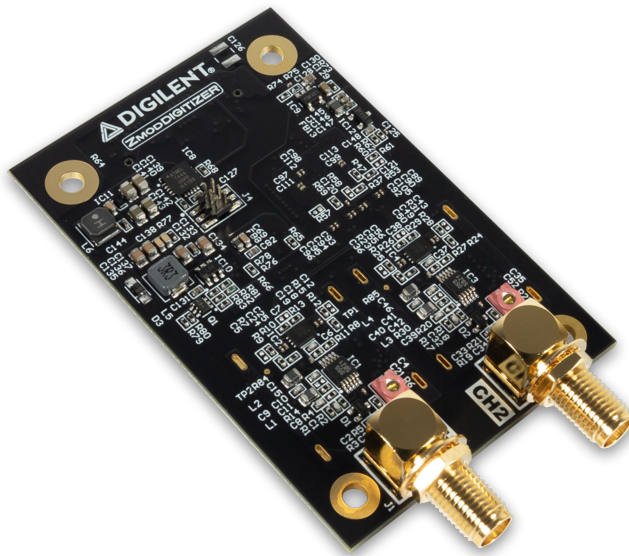
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Zmod Digitizer 1430-125: 2-channel 14-bit Digitizer Module

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Description

Features



Support

The Digilent Zmod Digitizer is a SYZYGY™ compatible module containing a dual-channel ADC and the associated front end. The Zmod Digitizer is intended to be used with any SYZYGY™ compatible carrier board having the required capabilities.

When coupled to a base board using the SYZYGY™ expansion, like the [Eclipse Z7](#) or [Genesys ZU](#), the combination will serve as a powerful prototyping platform for instrumentation, high-speed control, and SDR. By utilizing these expansion capabilities, users can spend more time on the analytical and system-level aspects of the solution rather than having to focus on the component-level interactions of the devices.

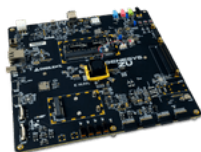
The Zmod Digitizer module is a variant of the similar Zmod Scope module but optimized for RF signal acquisition and frequency-domain analysis. The simpler DC-coupled input and 60 MHz anti-aliasing input filter improves immunity to stray RF radiation and the versatile and very low-jitter on-board clock generator enables acquisition at key rates, including 122.8 MHz often used in SDR applications.

Materials to help you get started with the Zmod Digitizer can be found through the [Support](#) tab.

Related Products



Digilent
Eclipse Z7: Zynq-7000 SoC Development Board with SYZYGY-compatible Expansion
\$499.00 - \$689.99



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Genesys ZU: Zynq Ultrascale+ MPSoC Development Board
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Zmod Scope 1410: 2-channel 14-bit Oscilloscope Module
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Zmod AWG 1411: 2-channel 14-bit Arbitrary Waveform Generator (AWG) Module
\$99.00



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Digilent
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