



February 26, 2013

FPGA Mezzanine Card Rapid Prototyping Kit Simplifies JESD204B-Compatible A/D Converter-to-FPGA Connectivity

NUREMBURG, Germany & NORWOOD, Mass.--(BUSINESS WIRE)-- [Analog Devices, Inc.](http://www.analog.com) (ADI: NASDAQ) unveiled the newest addition to its line of FPGA development platform-compatible FPGA mezzanine cards (FMC) incorporating JEDEC [JESD204B](http://www.jedec.org) SerDes (serializer/de-serializer) technology today. Digital and analog designers can use the AD9250-FMC-250EBZ kit to simplify and rapidly prototype high-speed [JESD204B A/D converter-to-FPGA platforms](http://www.analog.com).

- Learn more about the AD9250-FMC-250EBZ kit and order: <http://www.analog.com/AD9250-FMC>.
- Find out more about JESD204B and A/D converters: <http://www.analog.com/jesd204>.
- Get questions answered by ADI engineers on EngineerZone™, ADI's online technical support community: <http://ez.analog.com/community/fpga>.

About the AD9250-FMC-250EBZ JESD204B FPGA Mezzanine Card Kit

The AD9250-FMC-250EBZ features two AD9250 dual 14-bit high-speed JESD204B data converters providing four 14-bit A/D converter channels at 250 MSPS in an FMC-compliant form factor. The two on-board AD9250 A/D converters support Subclass 0 and 1 deterministic latency and provide a SYNCREF signal for precise synchronization of all four channels providing the connectivity and functionality to quickly combine with Xilinx's Kintex-6/7 and Virtex-6/7 FPGA platforms in a variety of compute-intensive FPGA-based applications.

The AD9250-FMC-250EBZ FMC kit was designed with a multistage, differential pipelined architecture and integrated output error correction logic. The FMC may be clocked by either an internal clock source or externally. It has an external trigger input for customized sampling control, a high-pin-count connector, front panel I/O and can be used in a conduction-cooled environment. The FMC allows flexible control on sampling frequency, analog input gain, and over-range detection through serial communication buses. It is equipped with power supply and temperature monitoring and offers several power-down modes to switch off unused functions or protect the card from overheating.

Pricing and Availability

Product	Full Production	Price
AD9250-FMC-250EBZ	April 9	\$565

About Analog Devices

Innovation, performance, and excellence are the cultural pillars on which Analog Devices has built one of the longest standing, highest growth companies within the technology sector. Acknowledged industry-wide as the world leader in data conversion and signal conditioning technology, Analog Devices serves over 60,000 customers, representing virtually all types of electronic equipment. Celebrating over 40 years as a leading global manufacturer of high-performance integrated circuits used in analog and digital signal processing applications, Analog Devices is headquartered in Norwood, Massachusetts, with design and manufacturing facilities throughout the world. Analog Devices' is included in the S&P 500 Index.

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Source: Analog Devices, Inc.

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