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Analog Devices Unveils Two More Software-Defined Radio Platform Solutions

ADI offers four SDR platform solutions that simplify rapid SDR system prototyping and development.

NORWOOD, Mass.--(BUSINESS WIRE)-- [Analog Devices, Inc.](#) (NASDAQ: ADI), a global leader in high-performance semiconductors for signal processing applications, announced today two [software-defined radio \(SDR\) platform](#) solutions and ecosystems. This brings its portfolio to four platform solutions that simplify rapid SDR system prototyping and development in applications ranging from defense electronics, RF instrumentation, communications infrastructure and open-source SDR development projects.

The AD-FMCOMMS4-EBZ is a transceiver FMC module and the newest addition to Analog Devices' expanding portfolio of [single-channel SDR solutions](#). It includes the new AD9364 [RF Transceiver IC](#) in a cost-effective 1 x 1 SDR rapid prototyping FMC module. The AD-FMCOMMS3-EBZ is also a transceiver FMC module and was engineered for 70 MHz to 6 GHz wideband tuning applications such as hand-held and whitespace radios. It is built around the AD9361 RF transceiver on a 2 X 2 [SDR rapid prototyping module](#) joining the previously announced AD-FMCOMMS2-EBZ FMC module in the dual channel product portfolio.

The new Analog Devices FMC modules include all of the HDL (hardware description language) code and device drivers needed for designers to quickly get their SDR platform up and running on the bench to reduce system development time and risk. For more information on ADI's SDR solutions, which include RF Agile Transceiver ICs, FMC rapid prototyping platforms and a variety of discrete components visit [SDR Revolution](#).

- To learn more and order SDR prototyping FMC boards and RF transceivers:
 - [AD-FMCOMMS3-EBZ](#) dual-channel rapid prototyping FMC
 - <http://www.analog.com/en/evaluation/eval-ad-fmcomms3-ebz/eb.htm>
 - [AD-FMCOMMS4-EBZ](#) single-channel rapid prototyping FMC
 - <http://www.analog.com/en/evaluation/eval-ad-fmcomms4-ebz/eb.html>
 - [AD9364 RF Transceiver IC](#) <http://www.analog.com/AD9364>
 - [AD9361 RF Transceiver IC](#) <http://www.analog.com/AD9361>
- Connect with engineers and SDR experts on [EngineerZone™](#), an online technical support community:

With the new additions announced today, ADI's portfolio of SDR platform solutions consist of:

Single-channel SDR Rapid Prototyping FMC Modules

- [AD-FMCOMMS4-EBZ](#) - This cost-effective 1 x 1 SDR rapid prototyping module features the AD9364 agile RF transceiver IC and can be software-configured for highest RF performance in the 2400 - 2500 MHz region or for wide tuning over the 70 MHz - 6 GHz range.
- [AD-FMCOMMS1-EBZ](#) - Composed of discrete high-speed ADI RFIC components, this module provides a hardware platform that addresses a broad range of research, academic, industrial and defense RF applications over the band of 400 MHz to 4 GHz.

Dual-channel SDR Rapid Prototyping FMC Modules

- [AD-FMCOMMS2-EBZ](#) - Tuned for highest RF performance in the 2400 - 2500 MHz region, this module features the AD9361 agile RF transceiver IC on a 2 x 2 SDR rapid prototyping board and is ideal for the RF engineer seeking optimized system performance. Avnet offers the [AES-ZSDR2-ADI-G](#), a complete SDR kit comprised of the AD-FMCOMMS2-EBZ plus ZedBoard™.
- [AD-FMCOMMS3-EBZ](#) - This 2 x 2 module supports a tuning range of 70 MHz to 6 GHz, uses the AD9361 agile RF transceiver IC and is ideal for the wireless communications SDR system architect seeking a unified development platform with wide tuning capabilities. Avnet offers the [AES-ZSDR3-ADI-G](#), a complete SDR kit comprised of the AD-FMCOMMS3-EBZ plus Xilinx ZC706.

Pricing and Availability

Part Number	Production Availability	Unit Price	Package
AD-FMCOMMS3-EBZ	Now	\$750	FMC
AD-FMCOMMS4-EBZ	Now	\$399	FMC

About Analog Devices, Inc.

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. 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. www.analog.com.

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Analog Devices, Inc.

Colleen Cronin, 781-937-1622

colleen.cronin@analog.com

or

Porter Novelli

Andrew MacLellan, 617-897-8270

andrew.maclellan@porternovelli.com

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