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Analog Devices and Bourns Introduce Industry's First Complete Evaluation Board with Certified RS-485 Electro-magnetic Protection

NORWOOD, Mass. & RIVERSIDE, Calif.--(BUSINESS WIRE)-- [Analog Devices, Inc.](http://www.analog.com) (NASDAQ: ADI), a global leader in high-performance signal processing technology, and [Bourns, Inc.](http://www.bourns.com), a leading manufacturer and supplier of electronic components, today introduced the industry's first certified RS-485 evaluation board for protecting against EMC (electro-magnetic compatibility) events in industrial and instrumentation equipment. Available through both companies, the EVAL-CN0313-SDPZ board incorporates ADI's ADM3485E, 3.3-V RS-485 transceiver and various circuit protection devices from Bourns and meets IEC61000-4-2/4/5 ESD (electro-static discharge), EFT (electronically-fast transients), and power-surge specifications. The board is offered as part of ADI's Circuits from the Lab™ reference circuits library and includes circuit notes, test data and results to help engineers reduce design risk in applications such as motor controls, grid tied inverters, and programmable-logic controllers. The board is available from all authorized distributors of ADI and select authorized distributors of Bourns.

- View the EVAL-CN0313-SDPZ evaluation board page and place orders: <http://www.analog.com/RS485emc>
- View the detailed product video: www.analog.com/RS485emc
- Register to watch a March 27th Webcast co-sponsored by Premier Farnell plc: <http://www.analog.com/RS485EMC-Webcast>
- Get support at ADI's EngineerZone™ online technical support community <http://ez.analog.com/community/interface-isolation>

The challenge of matching the EMC characteristics of external protection devices and the components they are designed to protect is among the biggest contributors to schedule and cost overruns for manufacturers of industrial and instrumentation equipment. As the first externally certified EMC-compliant design tool for RS-485 circuits, the EVAL-CN0313-SDPZ board provides design and integration files, device drivers, and evaluation hardware. The EVAL-CN0313-SDPZ also includes an EI3 Hirose connector that allows the board to be used with ADI's ezLINX™ Coupler® Isolated Interface Development Environment, which provides developers with a cost-effective, plug-and-play method to evaluate the digitally-isolated RS-485 physical communication layer.

EVAL-CN0313-SD1Z RS-485 Evaluation Board Key Features

- Certified to protect ADI's ADM3485E, 3.3-V RS-485 transceiver for:
 - 6-kV, 4-kV and 1-kV surge (IEC61000-4-5)
 - 2-kV EFT and 8-kV contact (IEC61000-4-4)
 - 15-kV air-discharge ESD (IEC61000-4-2)
- Other
 - The ezLINX™ Coupler® Isolated Interface Development Environment: <http://www.analog.com/en/evaluation/eval-ezlinx/eb.html>

Pricing and Availability

Product	Sample Availability	Production Release	MSRP
EVAL-CN0313-SDPZ	Now	Now	78.00 US Dollars

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. 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. <http://www.analog.com>

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About Bourns

Bourns, Inc. is a leading manufacturer and supplier of automotive sensors, circuit protection solutions, magnetic products, microelectronic modules, trimming and precision potentiometers, panel controls and encoders and resistive products. Headquartered in Riverside, CA, Bourns serves a broad range of markets, including telecommunications, computer, industrial, instrumentation, automotive, consumer, non-critical life support medical, audio and various other market segments. Bourns products are manufactured according to ISO-9000 standards under Six Sigma quality programs. Bourns automotive products are manufactured in accordance with the TS16949 standard. Additional company and product information is available at the company's website at <http://www.bourns.com>.

Photos/Multimedia Gallery Available: <http://www.businesswire.com/multimedia/home/20130226005016/en/>

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