

New Products

New Packaging for Digital Isolators Meet Critical 8-mm Creepage Spec

Analog Devices is the first digital isolator manufacturer to produce packaging that achieves a minimum of 8-mm creepage distance that is required by global industry standards to ensure safe operation in high-voltage (to 220-250 V AC) medical and industrial applications. All ADI digital isolators using iCoupler® technology that are rated for 5 kV rms withstand voltage will be available in the Certified 8mm Creepage 16-lead SOIC package.

» [Learn more about the new packaging and available devices here](#)

» [Watch how 8.3mm of creepage is achieved in this new package](#)

Now in Full Production

Signal and Power Isolated CAN Transceiver with Integrated Isolated DC-to-DC Converter

- 2.5 kV rms signal and power isolated CAN transceiver
- isoPower® integrated isolated dc-to-dc converter
- 5V operation on VCC
- Connect 110 or more nodes on the bus
- Slope Control for reduced EMI
- ADM3053 1 k price: \$5.50

Visit the [ADM3053](#) Product Page for more

Isolated CAN Transceiver with Integrated High Voltage, Bus-Side, Linear Regulator

- 5 kV rms isolated CAN transceiver
- Integrated V+ linear regulator
- Bus side powered by V+ and V-
- 11 V to 25 V operation on V+
- 5 V or 3.3 V operation on VDD1
- ADM3052 1 k price: \$3.50

Visit the [ADM3052](#) Product Page for more

» Learn about [ADI's family of isolated transceivers portfolio](#)

Featured Video

Clocking Options for SPI Using iCoupler Digital Isolators

This video shows examples of how to optimize clocking options using digital isolators in SPI applications.

Did You Know?

We have a webcast that discusses "Solving Isolation Challenges in Industrial Automation" available now. This webcast addresses topics such as: why and when one should isolate, types of isolations and associated advantages, and design considerations for an RS-485 node.

Inside iCoupler Technology:

Creepage Requirements for Medical Applications

[Learn how](#) ADI's 5kV rms digital isolators meet the IEC-60601 international standard for creepage in medical safety equipment applications.

NAppkin Notes - written expressly for the Digital Isolation Update - are ideas, hints, and tips for

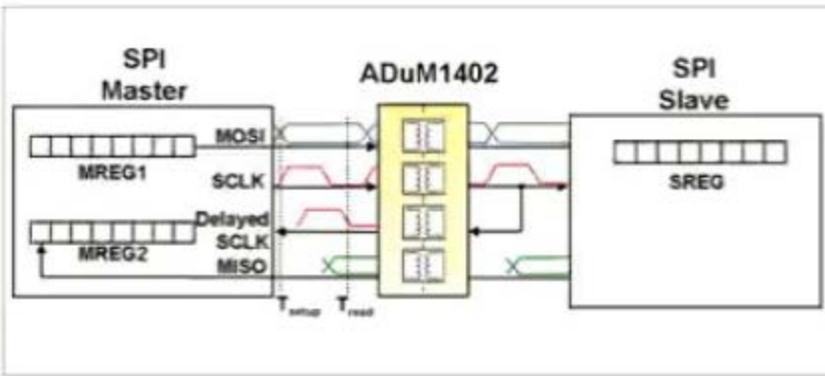
*building with iCoupler technology. This issue we present: **Functional SPI Isolation.** [Read the whole note here.](#)*



Ask the Expert



Fast SPI Isolation with Clock Wrap Back



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PAUSE email share get link get code MENU

Customer Success Story: Chengbo's High Precision Industrial Flow Meters

[Learn more](#) on how Chengbo's high precision industrial flow meters strike the perfect balance of performance, cost efficiency, and system size with iCoupler digital isolators.

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