

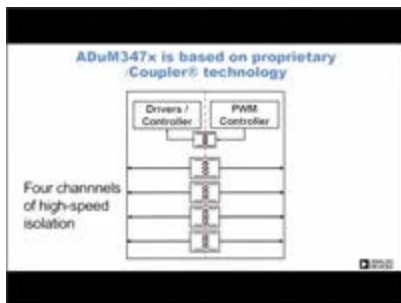
Product news and resources from ADI's *iCoupler*® isolation technology group

New Products

Industry's First Digital Isolators with Integrated Transformer Driver and PWM Controller in a Single Package

- Quad-channel digital isolator with integrated transformer driver for isolated dc-to-dc converter
- 70% efficiency at maximum load of 400 mA at 5.0V output
- 200 kHz to 1MHz oscillator frequency with adjust function

» [Learn more about the ADuM347x by watching the product introductory video.](#)



» [The ADuM347x and its evaluation board are in production and are available to order from ADI and its distributors here.](#)

» [Check out the archive of our latest webinar with Farnell on the ADuM347x: "Simplifying System Designs Requiring Isolated Data and Isolated Power."](#)

element14

Industry's First Fully Isolated Industrial CAN Transceivers

- Single-package transceiver with *iCoupler* digital isolation technology and *isoPower* integrated, isolated dc-to-dc converters
- Bus side powered by V+ and V-
- High Speed Data Rates up to 1Mbps
- Complies with ISO 11898 Standard

» [Learn more about the ADM3052 and ADM3053 by watching the product introductory video.](#)



» The [ADM3052](#) and [ADM3053](#) are in pre-production with samples available.

5kV rms Dual-Channel Digital Isolators

- Two independent isolation channels in a variety of channel configurations
- Operate with the supply voltage of either side ranging from 3.0V to 5.5V
- Enhanced system-level ESD performance per IEC 61000-4-x
- High temperature operation: 125°C
- Default low output
- High data rate: dc to 10 Mbps (NRZ)

» [The ADuM221x is in production and is available to order from ADI and its](#)

Inside *iCoupler* Technology

ADuM347x PWM Controller and Transformer Driver with Quad-Channel Isolators Design Summary

Systems that require isolation often need to isolate both data paths and power supplies. To simplify such designs and to reduce area, Analog Devices recently released the ADuM347x family of *iCoupler* digital isolators.

» [Learn more about the ADuM347x design here.](#)

NAppkin Notes – written expressly for the Digital Isolation Update – are ideas, hints, and tips for building with *iCoupler* technology. This issue we present: **Lowering the Power of the ADuM524x**



» [Read the whole note here.](#)

Did you know...?

Did you know that *iCoupler* digital isolation technology was an integral part of National Instruments "eyes only" video gaming system?

» [Learn more about the technology and the gaming system here.](#)

[distributors here.](#)



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