



Skyworks Introduces Si86Px Digital Isolators with Integrated Power for Space-Constrained Industrial Designs

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New family delivers complete signal and power isolation with industry-leading load regulation and high data rates

IRVINE, Calif., April 28, 2026 (GLOBE NEWSWIRE) -- Skyworks today announced the [Si86Px family of digital isolators](#) with integrated power, a compact solution that combines high-performance digital isolation with an integrated isolated dc-dc converter and matched miniature transformer. Designed for industrial and automotive electronics, the Si86Px simplifies isolated system design while reducing PCB area, BOM count, and overall design complexity.

The Si86Px addresses a critical challenge for system designers: generating high-quality isolated power in applications where board space is limited or where no power source is readily available on the isolated side. By integrating signal and power isolation into a single package, the Si86Px can help reduce time to market while providing a well-regulated power source for sensitive components such as ADCs and sensors.

"At a time when industrial designs demand higher performance in smaller footprints, the Si86Px delivers a complete, easy-to-use isolation subsystem," said Yusuf Jamal, senior vice president and general manager of the RF and mixed-signal intelligence solutions business at Skyworks. "By integrating power and signal isolation with industry-leading load regulation, designers can simplify their designs without compromising performance."

Integrated Isolation for Power and Data

The Si86Px family integrates Skyworks' digital isolator technology with an isolated dc-dc converter capable of delivering up to 0.5 W of isolated power. This approach eliminates the need for bulky external transformers and power modules, enabling more compact and cost-effective system designs.

Key benefits include:

- Industry-leading load regulation (0.1% typical) for powering sensitive ADCs and sensors
- High data rates up to 150 Mbps, supporting fast industrial communication protocols such as SPI and RS-485
- High common-mode transient immunity (100 kV/ μ s) to ensure reliable data integrity in noisy environments such as motor drives
- Compact WB SOIC-16/20 package for simplified manufacturing and space savings

Built for Demanding Industrial and Automotive Applications

- **Designed for harsh environments** - operates over a wide -40°C to $+125^{\circ}\text{C}$ temperature range and provides 3.75 kVrms isolation, making it well suited for industrial automation, factory equipment, and automotive applications
- **Simplified system design** - integrated power architecture and low-EMI design help designers meet system-level performance and compliance requirements with fewer external components
- **Significant tighter load regulation** - delivers 0.1% typical load regulation, compared to 1% typical for comparable integrated power isolators, providing up to 10 $\times$ better regulation for powering sensitive analog components
- **Higher data-rate capability** - supports up to 150 Mbps, exceeding devices rated at 100 Mbps or below for faster and more responsive system control

Robust data integrity - features 100 kV/ μ s common-mode transient immunity (CMTI) for reliable operation in harsh electrical noise

Availability

The Si86Px family is available now.

About Skyworks

Skyworks Solutions, Inc. is empowering the wireless networking revolution. We are a leading developer, manufacturer and provider of analog and mixed-signal semiconductors and solutions for numerous applications, including aerospace, automotive, broadband, cellular infrastructure, connected home, defense, entertainment and gaming, industrial, medical, smartphone, tablet and wearables.

Skyworks is a global company with engineering, marketing, operations, sales and support facilities located throughout Asia, Europe and North America and is a member of the S&P 500® market index (Nasdaq: SWKS). For more information, please visit Skyworks' website: www.skyworksinc.com.

Safe Harbor Statement

Any forward-looking statements contained in this media alert are intended to qualify for the safe harbor from liability established by the Private Securities Litigation Reform Act of 1995. Forward-looking statements include without limitation information relating to future events, results and expectations of Skyworks. Forward-looking statements can often be identified by words such as "anticipates," "expects," "forecasts," "intends," "believes," "plans," "may," "will" or "continue," and similar expressions and variations or negatives of these words. Actual events and/or results may differ materially and adversely from such forward-looking statements as a result of certain risks and uncertainties including, but not limited to, our ability to timely and accurately predict market requirements and evolving industry standards and to identify opportunities in new markets; our ability to develop, manufacture, and market innovative products and avoid product obsolescence; our ability to compete in the marketplace and achieve market acceptance of our products; the level of widespread deployment or adoption of commercial 5G networks, AI and other new technologies; the availability and pricing of third-party semiconductor foundry, assembly and test capacity, raw materials and supplier components; the quality of our

products; our products' ability to perform under stringent operating conditions; and other risks and uncertainties identified in the "Risk Factors" section of Skyworks' most recent Annual Report on Form 10-K (and/or Quarterly Report on Form 10-Q) as filed with the Securities and Exchange Commission ("SEC"). Copies of Skyworks' SEC filings can be obtained, free of charge, on Skyworks' website (www.skyworksinc.com) or at the SEC website (www.sec.gov). Any forward-looking statements contained in this media alert are made only as of the date hereof, and we undertake no obligation to update or revise the forward-looking statements, whether as a result of new information, future events or otherwise.

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A photo accompanying this announcement is available at <https://www.globenewswire.com/NewsRoom/AttachmentNg/984f5257-4c50-4b68-b86b-55aff2f005b8>

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