

# New LinkSwitch-XT2 Offline Flyback Switcher IC Family From Power Integrations Delivers High Accuracy and Efficiency

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Rugged new ICs enable excellent no-load performance and are ideal for low-power applications including appliances, IoT, metering and industrial bias power.

SAN JOSE, Calif.--(BUSINESS WIRE)-- Power Integrations (Nasdaq:**POWI**), the leader in high-voltage integrated circuits for energy-efficient power conversion, today introduced its **LinkSwitch™-XT2** family of offline, low-power converter ICs offering high accuracy, high efficiency and excellent no-load performance. LinkSwitch-XT2 ICs target isolated and non-isolated flyback applications in which accurate regulation of output voltage and current are important. The new ICs can deliver up to 6.1 watts in wide-input range designs, and up to 9.2 watts for 230 VAC open-frame applications.

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New LinkSwitch-XT2 Offline Flyback Switcher IC Family from Power Integrations Delivers High Accuracy and Efficiency. (Graphic: Business Wire)

Designed for flyback topologies, the **LinkSwitch-XT2** family delivers designs that exhibit

current and voltage regulation of better than  $\pm 3\%$  and typical efficiency above 80%. LinkSwitch-XT2 ICs consume less than 10 mW in no-load conditions. High (132 kHz) operating frequency enables the use of small power transformers, while the programmable current limit (ILIM) function enables further transformer optimization.

**LinkSwitch-XT2** converters combine a 725 V power MOSFET with control circuitry on a single silicon die. Integrated safety and reliability features include input overvoltage protection, hysteretic thermal shutdown for over-

temperature protection, and auto-restart for output short-circuit, overvoltage and open-loop protection.

Comments senior product marketing manager Silvestro Fimiani: "The accuracy, small size, efficiency and excellent no-load performance of LinkSwitch-XT2 ICs makes them ideal for small appliances such as microwave ovens, IoT applications, utility meters, industrial and smart-home installations."

**LinkSwitch-XT2** ICs come in three packages: P-package (DIP-8C), D-package (SO-8C), and G-package (SMD-8C) and are priced at \$0.40 in 10,000-piece quantities. More information, including reference design DER-578, which details a 5 V 500 mA power supply, is available from the Power Integrations website at [www.power.com/products/linkswitch-xt2/](http://www.power.com/products/linkswitch-xt2/).

## About Power Integrations

**Power Integrations, Inc.** is a leading innovator in semiconductor technologies for high-voltage power conversion. The company's products are key building blocks in the clean-power ecosystem, enabling the generation of renewable energy as well as the efficient transmission and consumption of power in applications ranging from milliwatts to megawatts. For more information please visit [www.power.com](http://www.power.com).

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