

# Power Integrations Unveils High-Efficiency Flyback Switcher ICs with Integrated 900 V MOSFETs

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Targets three-phase 480 V industrial applications and appliance auxiliary power supplies for regions with unstable mains voltage

SAN JOSE, Calif.--(BUSINESS WIRE)-- Power Integrations (Nasdaq: **POWI**), the leader in high-voltage integrated circuits for energy-efficient power conversion, today announced the release of **LinkSwitch™-XT2** offline switcher ICs incorporating 900 V power MOSFETs. Targeting high-efficiency isolated and non-isolated flyback power supplies up to 8 W, the up-rated ICs are suitable for three-phase industrial power supplies to 480 VAC and high-quality consumer products destined for regions with unstable mains grids, tropical regions with frequent lightning strikes or any area where high-energy ring-waves and surges are prevalent.

This press release features multimedia. View the full release here:

<https://www.businesswire.com/news/home/20181023006128/en/>

Targets three-phase 480 V industrial applications and appliance auxiliary power supplies for regions with unstable mains voltage (Photo: Business Wire)

The 900 V versions of the **LinkSwitch-XT2** IC family are optimized for high efficiency,

enabling designs to easily meet Energy Related Products (ErP) limits. LinkSwitch-XT2 power supplies use less than 30 mW when unloaded and have high conversion efficiency across the load range. This makes the new devices ideal for IoT and home and building automation (HBA) systems which spend substantial time in active standby monitoring radio or networking interfaces. The ICs feature selectable current limit and fully integrated auto-restart for short-circuit and open-loop protection. The use of frequency jittering greatly reduces EMI and devices easily meet high-voltage creepage and clearance requirements between the DRAIN and all other pins both on the PCB and on the package.

Comments senior product marketing manager Silvestro Fimiani: "These switching power ICs enable designers of three-phase utility meters, motors, industrial auxiliary power supplies, appliances and IoT/HBA sensors and actuators to realize a truly 'one-world' power supply that meets the reliability expectations of users everywhere. For example, OEMs addressing the burgeoning market in India for high-quality consumer products suffer a continuous stream of electrically damaged and returned products that must be serviced or replaced. 900 V **LinkSwitch-XT2** switcher ICs provide effective and inexpensive protection with a commensurate reduction in operating and product-support costs."

Samples of the 900 V LinkSwitch-XT2 ICs are available now and priced at \$0.60 in 10,000-piece quantities. Technical support is available from the Power Integrations website at: [www.power.com/linkswitch-xt2](http://www.power.com/linkswitch-xt2). See the 900 V LinkSwitch-XT2 and other new Power Integrations products this November at Electronica 2018 – **Hall C5, Booth 212**.

## 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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