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NEWS RELEASE

LYTSwitch-6 LED Drivers From Power Integrations Feature High Efficiency and Very Low Standby Power

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High-accuracy CV/CC operation; ideal for smart lighting and ballast applications

SAN JOSE, Calif.--(BUSINESS WIRE)-- Power Integrations (Nasdaq: **POWI**), the leader in high-efficiency, high-reliability LED-driver ICs, today announced the **LYTSwitch™-6** family of safety-isolated LED-driver ICs for smart lighting applications. The new ICs deliver flicker-free output up to 65 W, and feature up to 94% efficiency and as little as 15 mW standby power, with configuration options for two-stage or single-stage PFC support. Targeting smart residential and commercial fixtures and low-profile ceiling troffers, LYTSwitch-6 ICs also exhibit fast transient response, which facilitates excellent cross regulation performance of parallel LED strings without additional regulator hardware, and allows easy-implementation of a pulse-width-modulation (PWM) dimming interface. LYTSwitch-6 ICs include both constant-voltage (CV) and constant-current (CC) operation, enabling lighting manufacturers to reduce the number of product variants, resulting in manufacturing and logistics savings. The new ICs are protected by an advanced thermal foldback system which prevents overheating while delivering as much light as thermally possible in any circumstance or installation.

This press release features multimedia. View the full release here:
http://www.businesswire.com/news/home/20180206006265/en/

LYTSwitch-6 LED drivers from Power Integrations feature high efficiency and very low standby power; ideal for smart lighting and ballast applications. (Graphic: Business Wire)

LYTSwitch-6 ICs feature a built-in 650 V or 725 V MOSFET and secondary-side FluxLink™ control which eliminates the need for an optocoupler and provides highly accurate output with better than 3% CV and CC over line, load and temperature. Power conversion for the flyback stage is more than 94% efficient, achieved by using synchronous rectification and quasi-resonant switching which enables high power output without a

heatsink. For example, a 35 W, 12 V, 2.92 A design with an additional PFC circuit has been demonstrated to be over 89% efficient. Devices offer low standby power — less than 15 mW in universal AC input conditions – even with line voltage sensing, which allows the IC to protect itself from mains voltage surges and swells.

Comments Hubie Notohamiprodjo, director of product marketing for LED lighting at Power Integrations: "LYTSwitch-6 ICs are ideally suited to smart lighting applications with multiple outputs. By eliminating heatsinks and optocouplers and reducing the size of the output capacitor by as much as 30%, component count and system size are also reduced."

LYTSwitch-6 LED-driver ICs are available now, priced at $0.84 in 10,000 quantities. A reference design (DER-637) describing a 35 W PWM-dimmable LED power supply with efficiency over 89% and a power factor greater than 0.9 is available for download from the Power Integrations website at **https://www.power.com/lytswitch-6/**.

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**.

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