

N-channel MOSFETs reduce heat dissipation by 40%

Two N-channel MOSFETs for load switches in mobile devices are claimed to deliver class-leading low on-resistance, according to Toshiba Electronics Europe.

The SSM6K513NU and SSM6K514NU help contribute to high system efficiency, low power consumption and are suited for use in the latest battery operated portable applications.

Use of the company's U-MOS IX-H series trench process



ensures that the MOSFETs achieve low on-resistances. RDS(ON) ratings are 6.5mΩ for the 30V SSM6K513NU and 8.9mΩ for the 40V SSM6K514NU.

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Flyback switcher IC family is low power for industrial use



Suitable for low power applications, such as appliances, IoT, metering and industrial bias power, the LinkSwitch-XT2 offline converter ICs have been announced by Power Integrations.

According to the company, they offer high accuracy, high efficiency and excellent no-load performance. The ICs target isolated and non-isolated flyback applications where regulation of output voltage and current are required. They can deliver up to 6.1W in wide-input range designs, and up to 9.2W for 230V AC open-frame applications.

They are suitable for flyback topologies where current and voltage regulation better than ±3% and typical efficiency above 80% is required. The ICs consume less than 10mW in no-load conditions.

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Willow Technologies, AEC sign relay leader

Willow Technologies) and sister company, American Electronic Components have announced their new North American and European Distribution agreement with LS Industrial Systems (LSIS). LSIS, an LS Company, is headquartered in Anyang, Korea with twelve branches globally. Founded in 1974 they are an innovative, leading industrial systems company, focussing on smart power transmission (green energy), power distribution and industrial automation.

LSIS green business aims are



to create an environment free of pollution and energy shortage.

Specialising in electricity switching and control, LSIS has a reputation for high quality next generation product solutions, made on its automated production lines.

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