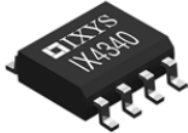


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FOR IMMEDIATE RELEASE

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[IGBT & MOSFET LOW SIDE GATE DRIVERS](#)

New Low Cost Dual 5A Gate Driver IC in power MSOP package Introduced

The IX4340UE is capable of driving most IXYS Power MOSFETS and IGBTs

BEVERLY, MA, March 12, 2018 — IXYS Integrated Circuits Division, now part of Littelfuse, Inc., the global leader in circuit protection, announces the immediate availability of the IX4340UE low-cost Dual 5A Gate Driver IC. The IX4340UE features two high current outputs, both capable of sourcing and sinking up to 5A. Both outputs have an absolute maximum voltage rating of 20V. With matched propagation delays, the identical output drivers can be connected in parallel for higher current applications. The logic inputs are TTL and CMOS logic compatible, and there is an Enable function for each output. Under voltage lockout circuitry prevents the high side source driver from conducting until there is sufficient supply voltage.

Fast propagation delay times (16ns typical), and fast rise and fall times (7ns typical) make the IX4340UE well suited for high frequency applications. The IX4340UE has an extended operating temperature range of -40°C to +125°C, and has a +/-4kV ESD rating (human body model). This gate driver is supplied in a thermally enhanced 8-lead 3x3mm MSOP package.

The low cost IX4340UE is well suited for driving power MOSFETs and IGBTs in high power SMPS applications, power inverters, DC to DC converters, and motor controls. The IX4340UE is the latest

addition to IXYS ICD's extensive gate driver portfolio. For even higher gate drive requirements, IXYS ICD offers 14A (IXD_614 series) and 30A (IXD_630 series) gate driver ICs.

Availability

The IX4340UE is in volume production, and samples are available at any authorized IXYS ICD distributors. For a listing of IXYS ICD distributors, please visit IXYSIC.com. IX4340UE devices are in 8-Pin MSOP with an Exposed Thermal Pad in quantities of 100 pieces per tube, and IX4340UETR devices are on tape and reel in quantities of 5,000 pieces per reel.

For More Information

Additional information is available on the [IGBT & Gate Driver product page](#). For technical questions, please contact: [Marketing and Technical Support](#).

About Littelfuse

Founded in 1927, Littelfuse is the world leader in circuit protection with growing global platforms in power control and sensing. The company serves customers in the electronics, automotive and industrial markets with technologies including fuses, semiconductors, polymers, ceramics, relays and sensors. Littelfuse has over 10,000 employees in more than 40 locations throughout the Americas, Europe and Asia. For more information, please visit Littelfuse.com.

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