



DIONICS, INC.

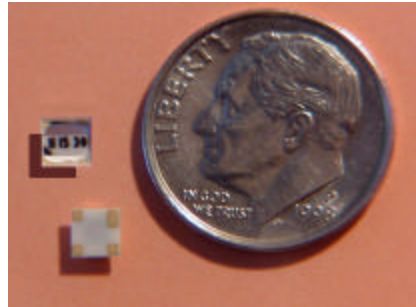
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FOR IMMEDIATE RELEASE



OPTICALLY-ISOLATED IMPLANTABLE POWER SOURCE

Westbury, NY. February 11, 2002;

DIONICS, INC., inventors of the Photovoltaic (PV) optically-isolated MOSFET-driver, now announces the introduction of its newest version, the DIG-11-15-30-SM that was specifically developed for Surface-Mount assembly in Implantable Medical devices.

Ideal for MOSFET and IGBT drive controls, its new rugged construction meets industry needs for small, surface-mount devices that can withstand handling during manual vacuum-pencil placement, as well as in high-speed automatic placement equipment.

Measuring only 0.140 inches (3.5mm) square x 0.050 inches (1.25mm) high, it finds application in miniaturized Solid State Relays, Isolation Amplifiers, and Automatic Test Equipment. Activated by an input current passing through its internal LED, the four-terminal device responds by generating an output voltage, V_{oc} , and a short-circuit current I_{sc} . The optically-isolated output is applied to the MOSFET's or IGBT's control terminals.

For non-implantable applications, similar electrical performance is available in our standard plastic dual-in-line packages.

Dionics manufactures a full line of both standard and custom MOSFET-drivers, Solid State Relays, and numerous other components such as High Voltage Display Driver ICs, custom ICs, Transistors, Diodes and MOS Capacitors.

Contact the company directly for brochures, sample availability and further information at:

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Or visit our newly updated Website at www.dionics-usa.com