



MODULAR DEVICES, INC.

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FOR IMMEDIATE RELEASE

MDI announces the unlimited production availability of its 100K+™ Radiation Tolerant Hybrid DC-DC converter modules.

Previous technology radiation tolerant hybrid DC/DC converters made by MDI and other hybrid module manufacturers used radiation hardened N channel FETs for switching. However, these elements are expensive and have uncertain availability, resulting in higher prices and long delivery times for the hybrid previous generation DC/DC converters.

In 2003, MDI developed 100K+™ circuitry (patent pending) that eliminates the need for radiation hardened N channel FETs

MDI has developed versions of its 5000, 7000, 8000 and 9000 series DC/DC converters that incorporate this improved 100K+™ design. The parts are fully characterized for radiation effects and electrical performance. All models share self contained input EMI filters (MIL-STD-461C) as well as output common mode filters for efficient, noise free outputs essential to reliable operation of critical loads.

Total Ionizing Dose (TID) testing confirms good performance well past 100 Krads as well as single event resistance up to 82 MEV/mg-CM².

MDI has also incorporated 100K+™ circuitry into related circuit functions such as inrush limiters, solid state switches and synchronous buck regulators. MDI expects that the availability and affordability of this product line revision will benefit many of the present applications now using radiation hardened N channel FETs.

Lead-time for standard production deliveries is 24weeks ARO.

Visit our website at <http://www.mdipower.com> for information on the 100K+™ series hybrid DC/DC converters.

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