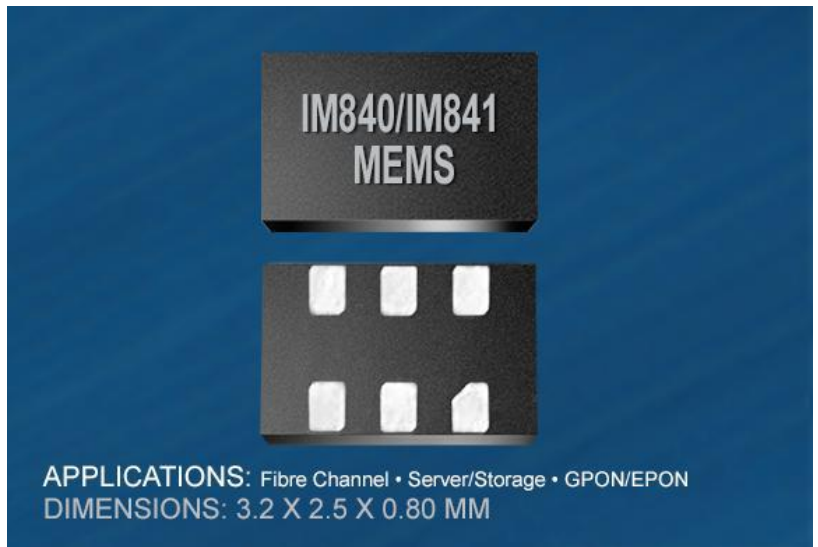


ILSI launches New MEMS IM840 AND IM841 Series LVPECL- and LVDS-compatible Oscillator Frequency Control Products

ILSI is one of the few frequency control suppliers offering Silicon-based MEMS products

PRODUCT HIGHLIGHTS

- MEMS oscillators use a Silicon based micro-electromechanical sensor (MEMS) CMOS oscillator circuit
- Shock/Vibration resistance of 50,000 G's, Shock, 70 G's Vibration, MIL-STD-883F Method 2002, 2007. Excellent for rugged commercial and military/aerospace applications
- Drop in replacement for most quartz based oscillator products.
- Package size of 3.2x2.5mm and 5x3.2mm
- Supply voltages +2.5V, +3.3V
- Frequency stability of +/-20 ppm available with operable temperature range of -40degC to +85degC
- Frequency range of 1.000 MHz to 625.000 MHz
- Low random phase jitter of 0.6pSec typical (12.0 kHz to 20.0 MHz)
- Fully configurable, delivery available in as little as 5 days



APPLICATIONS

- Rugged commercial and military/aerospace applications
- Fibre channel
- Server Storage
- GPON/EPON

To learn more about the IM840/IM841 or to request samples, please contact your sales representative at 1-800-381-7308 or email sales@diverseelectronics.com.