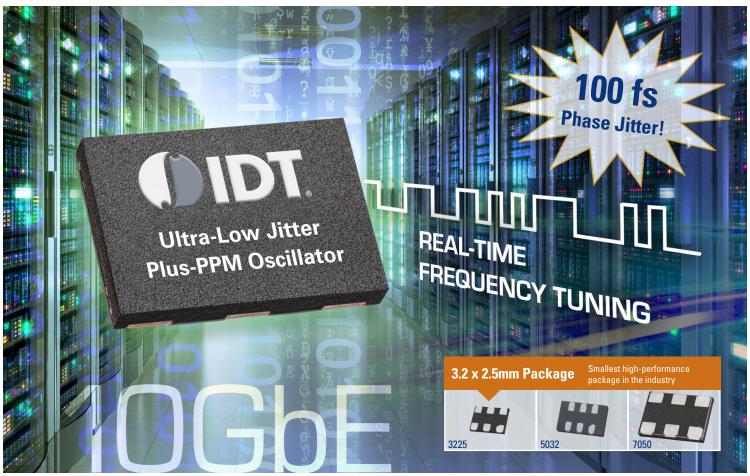


Ultra-Low Jitter <u>MEMS Oscillators:</u> 4H Series

MANAGEMENT | TIMING AND SYNCHRONIZATION

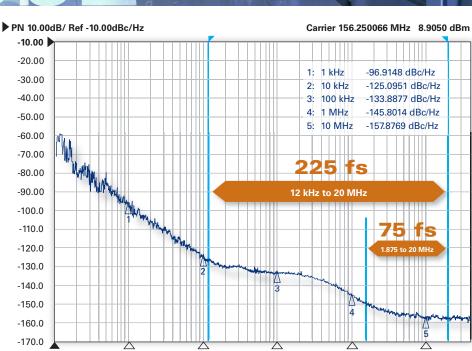


BENEFITS / FEATURES

- Phase Jitter (156.25MHz)
- 100fs (1.875MHz to 20MHz)
- 250fs (12KHz to 20MHz)
- Real-Time Frequency Tuning
 Up to ±1000ppm on-the-fly
- frequency tuning

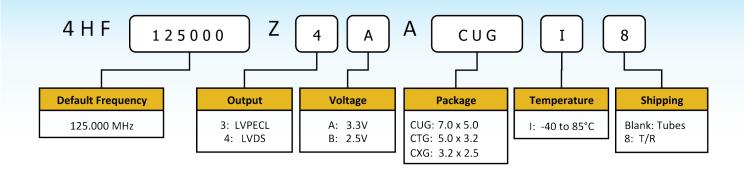
 Any Frequency between:
- 50-625 MHz range
 LVDS / LVPECL Output
- Up to 40x Higher reliability than Quartz
- No activity dips, no zero time failures
- High Shock and vibration resistance

www.idt.com/go/MEMS

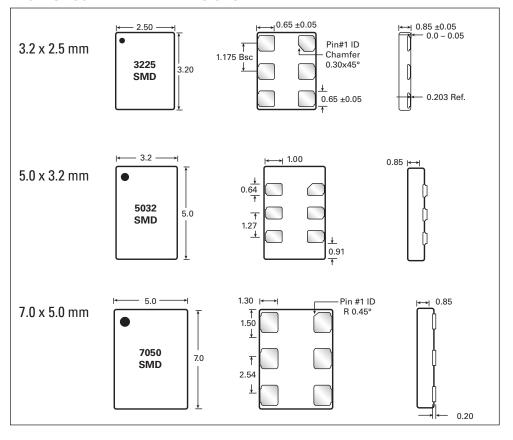


WER MANAGEMENT: | ANALOG & RE: | INTERFACE & CONNECTIVITY: | TIMING & SYNCHRONIZATION: | MEMORY & LOGIC: | DATA CONVERSION

PART ORDERING GUIDELINE



PACKAGE OUTLINE AND DIMENSIONS





MEMS OSCILLATOR EVALUATION BOARD

FEATURES

- Differential SMA output
- Standard banana plug power connectors
- Available in standard 3225, 5032 and 7050 size packages
- Selectable output termination for both LVDS and LVPECL
- Switch control for Output Enable (OE)

TECHNICAL SUPPORT

EMAIL: MEMS_Support@idt.com

WEBSITE: www.idt.com/go/MEMS



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