



## **MtronPTI Collaborates with Microsemi to Introduce Ultra-low Jitter Quad Output Oscillator**

**Orlando, FL, October 26, 2015** – MtronPTI, a leader in precision frequency control and custom RF/microwave solutions for defense, aerospace, telecommunications and industrial markets today announced availability of its ultra-low jitter quad output oscillator - M9200 series leveraging Microsemi's low-jitter buffer technology. The M9200 is intended for use in telecom, Ethernet, datacom and server markets. The ultra-low jitter quad output device helps customers lower the total cost of ownership, increase overall performance and accelerate time-to-market while eliminating usage of external components.

The M9200 has four simultaneous outputs at the same frequency with ultra-low jitter – less than 120fs RMS jitter - for each output guaranteed. Today's integrated ASICs and high performance switch products require multiple ultra-low jitter reference clocks. Current solutions involve separate low jitter oscillators and buffers, making it difficult to measure the jitter performance. M9200 eliminates this by integrating the clock and 1:4 LVPECL fanout buffer in to a single package, with measured output performance.

The M9200 uses low-jitter buffer technology developed by Microsemi. Microsemi's high performance buffers complement clock synthesis devices by providing additional fanout capability and add minimal jitter combined with the industry's best power supply noise rejection performance.

Paul Dechen, Vice President of Sales - MtronPTI, says, "Using Microsemi's industry-leading low jitter buffer technology and MtronPTI's expertise in high performance crystal technology helped to develop this integrated solution. Our product will enable designers to streamline the design process, and reduce design costs and risks. We offer exceptional features like ultra-low jitter, better noise rejection and compact size—all with a high level of integration."

### **About MtronPTI**

MtronPTI is an AS9100 rev C certified designer and manufacturer of high reliability, harsh environment timing and frequency control solutions for aerospace, defense, instrumentation and Internet communication applications. Based in Orlando, Florida, with design, sales and manufacturing locations in North America and Asia, MtronPTI is a subsidiary of The LGL Group (NYSE MKT: LGL). For more information, visit <http://www.mtronpti.com> and <http://www.lglgroup.com>.

###

### **Contact:**

Param Nampoothiri  
Director of Product Marketing - Timing  
[param@mtronpti.com](mailto:param@mtronpti.com)  
(512) 971 6264