



**Looking for Holdover & Precision Frequency Reference for Your GNSS/GPS Enabled Infrastructure?**

Learn How Microsemi Can Meet Your Application Needs!

**Jul 29, 2015 • 8:00 AM PDT**

**Register Now**

## Looking for Holdover & Precision Frequency Reference for Your GNSS/GPS Enabled Infrastructure?

### Experience How Microsemi's Enhanced Quantum™ Rubidium Miniature Atomic Clock (MAC) Small Size; Low-Power Precision Oscillator Can Meet Your Application Needs!

As one of the industry's smallest, lightest and highest-performing MACs, the enhanced Quantum MAC SA.3X family is based on Microsemi's exclusive coherent population trapping (CPT) technology, leveraging its 40-plus years of timing solution leadership. This unique technology enables a whole new class of applications where high precision frequency and phase are required.

The MAC has excellent mechanical robustness and temperature performance and is only 25 percent of the volume of the nearest competing clock in the same category. This small size, combined with its very low power consumption, makes the SA.3x series ideal for a broad variety of applications such as:

- Communications
- Navigation
- Signal Processing
- Test and Measurement Systems
- Aerospace/Defense
- Audiophile Quality Audio
- Digital Video Broadcast
- Industrial
- Smart grid
- High Resolution Spectroscopy

Today Microsemi's Quantum family of rubidium atomic clocks continues this legacy, finding usage in synchronization applications, holdover applications, and as a stand-alone frequency reference.

Attend this webinar and learn how the Microsemi line of rubidium atomic clocks can address your specific application requirements for a precise clock with the highest performance, smallest size, and lowest power consumption.

### System Requirements

**PC-based attendees**, Required: Windows® 8, 7, Vista, XP or, 2003 Server

**Mac®-based attendees**, Required: Mac OS® X 10.6 or newer

**Mobile attendees** Required: iPhone®, iPad®, Android™, phone or Android tablet

**Live Webinar  
Register Now**

**Join us on Jul 29,  
2015, at 8:00 AM -  
9:00 AM PDT**

**Please share this invitation  
with your interested  
colleagues.**

**After registering, you will  
receive a confirmation email  
containing information  
about joining the webinar.**

### Presenter

**Paul Gerry,**

**Senior Product Manager,  
Quantum™ Rubidium  
Miniature Atomic Clock  
(MAC)**

**Microsemi Corporation**