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Power Matters.™

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2. Timing & Synchronization Systems

Timing & Synchronization Systems

Leading the world in precise time solutions

Microsemi is the world's leading source of timing and synchronization solutions, keeping networks, operations and applications running smoothly across all industries.

Enterprise Network Time Servers - NEW!



High Performance ultra precise and versatile **Enterprise Network Time Servers** for demanding network time synchronization applications

GPS Instruments - NEW!



Highly versatile, flexible **GPS Instruments** for precise timing and synchronization distribution

Integrated GNSS Master - NEW!



Integrated GNSS Master (IGM) disrupts the market by reducing deployment costs of indoor small cells

Enhanced PRTC (ePRTC) - NEW!



SyncSystem 4380A - NEW!



Metrology Grade master timing reference delivering

NTP & PTP Grandmasters - Updated



Carrier-grade NTP and PTP Grand Master Solutions

Secure and fault tolerant
source of time for network
synchronization

world-class performance in a
highly-configurable 1U rack-
mountable package

engineered to support small
cells and meet the stringent
timing requirement of 4G /
LTE network

Modular Solutions



Modular Chassis solutions to
deliver accurate, centralized
reference signals for the
communications
marketplace

Distribution Systems



1U distribution amplifiers to
complement GPS receivers,
frequency standards and
oscillators

Time Scale Systems



Time and Frequency systems
ideal for high reliability
applications

Management & Monitoring



Management & monitoring
for carrier class control and
visibility of the entire end to
end synchronization network

Time & Frequency Services



Specialized **services** to help
with planning, deployment
and maintenance of your
synchronization
infrastructure

Other Timing & Sync Systems



Not seeing what you're
looking for? Search our
product directory for **other
timing & synchronization
systems and accessories.**

Time To Sync Newsletter

Click [here](#) to read the latest edition (issue #8) of our newsletter "Time to Sync"

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Featured White Paper

[Traceable Frequency, Time, and Phase for LTE TDD and LTE Advanced](#)

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Featured White Paper

[The Importance of Network Time Synchronization for Enterprise Systems](#)

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Webinar Recording

[How NTP Servers with Atomic Clocks Protect Against GPS Jamming/Denial to Maintain Accurate Network Time](#)

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Upcoming Events

We'll next be at CableLabs Summer Conference at Keystone, Co from Aug 6-9, 2017.

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