



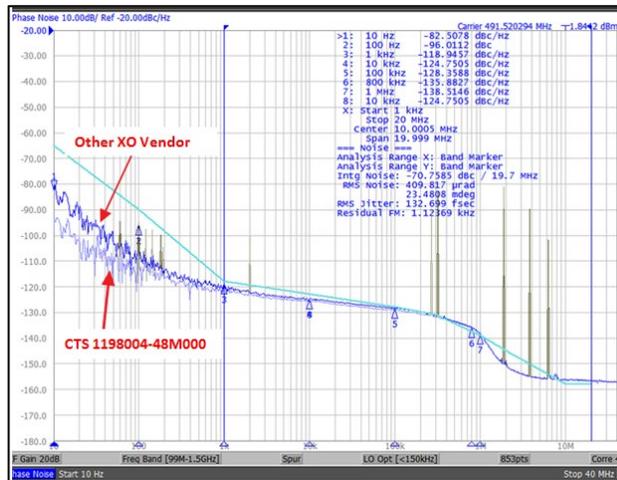
April 29, 2020

FOR IMMEDIATE RELEASE

OCXO for IEEE 1588 System Synchronizer, CTS Model 1198004-48M000

Lisle, IL – CTS Corporation (NYSE: CTS) announces the release of Model 1198004-48M000 Oven Controlled Crystal Oscillator (OCXO) for IEEE 1588 System Synchronizer application. As demand for data and video increases, enabling technologies such as 5G capabilities continue to improve. To meet the high speeds and increased data capacity subscribers need, infrastructure equipment manufacturers must design systems to meet significantly higher transmission bit rates and low latency requirements. As network speed and capacity within 5G enabling technologies improve, a new era of subsequent applications are evolving to enhance the user experience. These include; Internet of Things (IoT), virtual reality (VR), augmented reality (AR), artificial intelligence (AI), machine learning (ML), cloud based databases, and autonomous vehicles to name a few. To deliver the high modulation rates required, equipment manufacturers depend on low noise, high frequency transmission carriers.

CTS OCXO model 1198004-48M000 utilizes a very high Q resonator that enables the low noise performance required for high frequency multiplication. The 1198004-48M000 has been approved by Renesas Semiconductors Wireless Group as a reference design OCXO to be paired with their 8A34001 System Synchronizer for IEEE 1588 applications. The high Q resonator provides excellent close in phase noise imperative for high frequency multiplication. Please visit CTS at [Frequency Control CTS Corporation](#) or contact CTS sales teams through [Sales Inquiry | CTS \(ctscorp.com\)](#)



1198004-48M000 multiplied to 491.52MHz



About CTS Corporation

CTS (NYSE: CTS) is a leading designer and manufacturer of products that Sense, Connect, and Move. The company manufactures sensors, actuators, and electronic components in North America, Europe, and Asia, and provides engineered products to customers in the aerospace/defense, industrial, medical, telecommunications/IT, and transportation markets. For more information, visit www.ctscorp.com.

Technical Contact

Jeff McCracken
Application Engineer
E-mail: Jeff.McCracken@ctscorp.com
Tel: +1 (630)-577-8816

Media Relations Contact

Doug Ford
Vice President, Corporate Development &
Marketing
E-mail: mediarelations@ctscorp.com
Tel: +1 (630)-577-8814

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