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Oregano's SYN1588 Clock IP Cores

Oregano Systems offers a full range of clock cores, which are compatible to the IEEE1588 Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems. The cores differ in footprint, number of I/Os, interface, and supported features.

Oregano Systems is actively involved in the IEEE1588 Standard's revision working group and supports related research activities. This allows Oregano Systems to keep the cores up to date with the latest standard's developments.

The IEEE1588 Standard's Precision Time Protocol (PTP) allows to precisely synchronize computer clocks in local area networks. Because of its high speed, low price, and widespread use, Ethernet is the preferred communication medium. It is supported by all of Oregano Systems' SYN1588 clock cores via use of the Media Independent Interface (MII).

Oregano Systems offers three SYN1588 IP cores sized in their functionality: Small, Medium and Large.