

June 2001

Connor Winfield's Stratum 3E, STM-S3E is the First Module to Completely Conform To GR-1244-CORE for a Stratum 3E Clock

Connor Winfield introduces the STM-S3E, a complete system clock module for Stratum 3E timing card applications in accordance with GR-1244-CORE, GR-253-CORE, and ITU-T-G813. The STM-S3E provides a reliable backplane clock reference to line cards for use in TDM, PDH, SONET, and SDH network equipment.



Product exclusive: The STM-S3E is the only product of its kind to completely conform to the strict requirements of Telecordia's GR-1244-CORE standard for Stratum 3E clocks.

The footprint of the new STM-S3E is the same as the existing STM-S3 and STM-S3+ modules so it can be easily integrated into existing circuits.

Features of the new STM-S3E include:

- Meets GR-1244-CORE and GR-253-CORE
- Output Frequencies: 1.544 MHz - 38.88 MHz
- 5V operation; 3.3V operation planned
- 12 ppb holdover across the full temperature range of 0 - 70°C
- Free run ± 4.6 ppm
- Maximum height of .650 inches
- Alarms for LOR, Phase Build Out, and Reference Frequency Limit
- 1 mHz Jitter/Wander filter
- Dual reference inputs with hitless switchover

Prototype quantities are available now, \$680 @ 1K pieces

For more information contact Connor-Winfield Corp.

Tel: 630.851.4722 / Fax: 630.851.5040

www.conwin.com

info@conwin.com

Data Sheet Link: www.conwin.com/datasheets/tm/tm012.pdf

#