



The Connor-Winfield Corporation

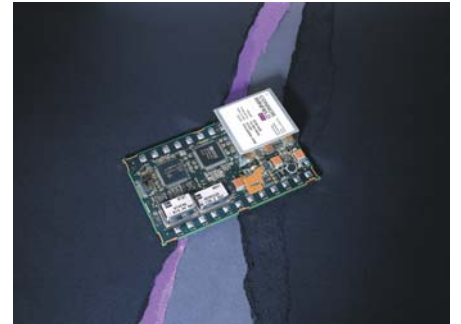
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May, 2002

As an extension to its family of Stratum 3E timing solutions, Connor-Winfield now offers the only 3E clock module to operate from 3.3volts. It is a complete system clock module for Stratum 3E timing card applications in accordance with GR-1244-CORE, GR-253-CORE, and G.812 Type III. The product has four operational modes: Free Run, Hold Over, Primary Reference-In, Secondary Reference-In and provides a reliable backplane clock reference to line cards for use in TDM, PDH, SONET, and SDH network equipment.



Product exclusive: The STM-S3E product family 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-3V is the same as the existing STM-S3, STM-S3E, and STM-S3EH modules, so it can be easily integrated into existing circuits.

Features of the new STM-S3E-3V include:

- Meets GR-1244-CORE and GR-253-CORE
- Output Frequencies: 1.544 MHz - 38.88 MHz
- 3.3V operation
- 12 ppb holdover across the full temperature range of 0 - 70°C
- Free run < ± 4.6 ppm
- Maximum height of .620 inches
- Alarms and indicator pins to denote: Loss of Reference, Reference Frequency Limit, Operational Mode, Phase Build-Out, Hold Over Good.
- 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.

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Data Sheet Link: www.conwin/datasheets/sg/sg038.pdf