



The Connor-Winfield Corporation

2111 Comprehensive Drive

Aurora, Illinois 60505

Phone: 630-851-4722 | Fax: 630-851-5040

February, 2003

## Connor-Winfield Introduces the First VCXO with Selectable Output Frequencies Suitable for SONET Applications

Connor-Winfield gives designers a significant innovation with the industry's first surface mount, selectable output, VCXO oscillator suitable for use in stringent telecom applications. The engineer can specify 3 frequency options at the design stage in the 100 to 200 MHz range. The customer then utilizes an input logic pin to select one of the three pre-set frequencies. This new family of selectable output VCXOs (designated as VPLB434J3E) meets SONET Phase Jitter requirements and are available with stabilities as tight as  $\pm 20$  ppm.



**Product Exclusive:** This new selectable output VCXO offers designers the option of up to 3 operating frequencies to build into their system board at the design stage. This new VCXO line eliminates the need for multiple VCXO oscillators on their system board.

Features of the new VCXO crystal controlled oscillator include:

- Selectable output VCXO oscillator
- Meets SONET Phase Jitter Requirement – (12 kHz – 20 MHz) at  $< 1$  ps
- Switching time between frequencies in 200 ns
- Allows designers to use a single VCXO on their system board
- Frequency vs Temp  $\pm 20$  ppm,  $0^{\circ}\text{C}$  to  $70^{\circ}\text{C}$
- Selectable FEC / Data Rate Clock

Pricing at \$88.00 each in 1,000 quantities. Available now

For more information contact Connor-Winfield Corp.

Tel: 630.851.4722

Fax: 630.851.5040

[www.conwin.com](http://www.conwin.com)

[info@conwin.com](mailto:info@conwin.com)