



ITTI Company Limited

Product News

Ceramic Resonators
SAW Resonators

Quartz Crystals
Crystal Oscillators

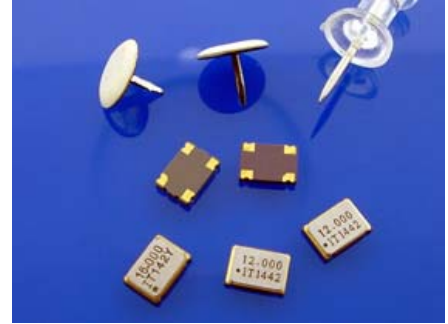
ITTI USA
2033 Gateway Place
Suite 500
San Jose, CA 95110

Contact : Newman Cheung
Tel : 408.467.3800
Email : usa@itti-co.com
Website : www.itti-co.com

New PECL Oscillator offers very low current and Stand-by

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Designed particular for server hardware and network development, ITTI just announced availability the new, cost effective PECL 106.25MHz of C70 Series SMD oscillator measuring 7.2mm x 5.2mm x 1.5mm. This new oscillator is designed to achieve a significant



improvement in long-term reliability while meeting the demanding performance criteria of today's high-speed networking, server, and data communications applications.

The PECL C70 oscillator provides frequency stability of ± 50 ppm over its operating temperature range of -40°C to $+85^{\circ}\text{C}$, with aging effects within ± 5 ppm over the first year of operation. Period jitter is specified as 0.5ps rms (typical). It powers its PECL outputs from a 3.3V supply, drawing a maximum of 130 mA, and features a tri-state mode for ease of use with automatic test equipment.

"The C70 clock oscillator offers very low power consumption. If you couple this with the stand-by function, the C70 is an excellent choice for low power of server applications. It is also designed for lead free soldering and compliant with all requirements of the RoHS regulations" states Lina Wong, Director of Sales for ITTI.

Pricing for the 106.25MHz C70 clock Oscillator is offered on tape and reel (1000 piece) transport for autonomous assemble systems. Delivery is 8 weeks ARO and samples are available now. For complete specifications, sample orders and the latest price-availability, please contact ITTI USA.

Established in 1995, ITTI is a global manufacturer of frequency control products. ITTI offers a significant selection of quartz crystals, clock oscillators, VCXOs, TCXOs, S.A.W. resonators, filters and ceramic resonators. The company is ISO 9000 certified with facilities in China, Japan, Korea, Taiwan, USA and Singapore. Application for ISO 14000 is pending. ITTI's products are offered direct through regional manufacturer's representatives and franchised distributors.