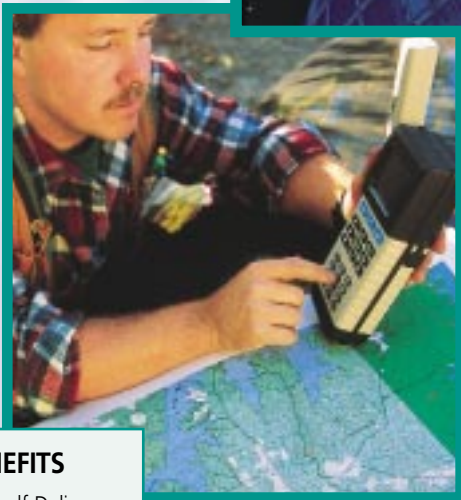
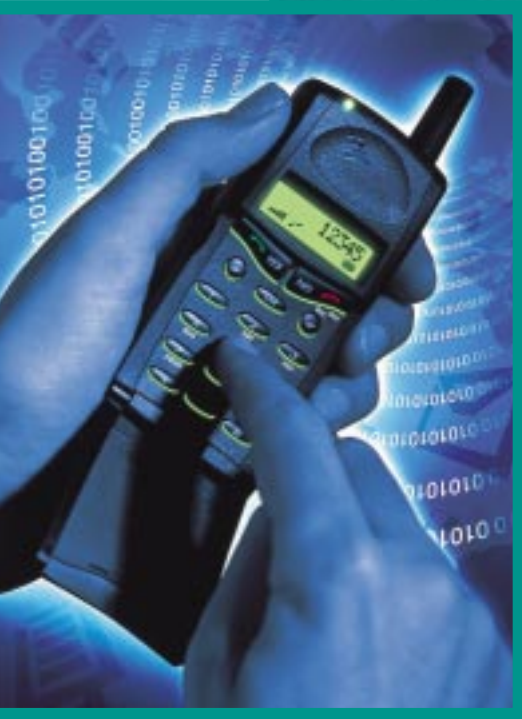
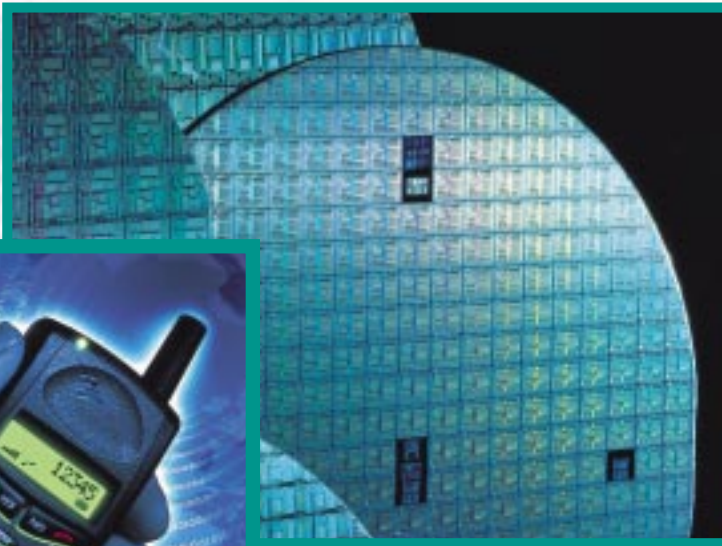


Reduce cost and improve Crystal Oscillator performance with our new line of miniature high precision VCXO ICs.



And...TSLI knows VCXOs. We have produced and shipped over a million chips and counting. Now, TSLI has applied its exceptional chip-design expertise to create this new line of high-performance VCXO ICs. These advanced devices are designed to maximize system performance by providing a stable, low noise clock reference for the precise transmission and processing of data.

TSLI's VCXO Clock Generator ICs are ideally suited for a wide range of applications in which cost, size, power and the number of discrete components need to be minimized.

VCXO Clock Generators

Available in either die or SOIC packages, these VCXO ICs are designed to exhibit excellent temperature stability and phase noise performance. The T228 and T277 incorporate a programmable divider that allows the user to select output frequencies lower than the crystal frequency while providing 50% output symmetry. The T231 incorporates differential PECL outputs that are fundamental frequencies of the crystal while also providing 50% output symmetry.

BENEFITS

- Off-the-Shelf Delivery
- Low Cost
- Small Size
- Low Jitter
- High Output Drive
- Programmable

T228

- Frequency Range 0.5MHz to 70MHz
- Supply Voltage 3.0V to 5.5V
- Operating Temperature -40°C to 85°C
- Power <100mW
- Programmable Output Frequency
- CMOS Output

T277

- Frequency Range 0.5MHz to 100MHz
- Supply Voltage 3.0V to 5.5V
- Operating Temperature -40°C to 85°C
- Power <150mW
- Programmable Output Frequency
- CMOS Output

T231

- Frequency Range 100MHz to 200MHz
- Supply Voltage 3.0V to 5.5V
- Operating Temperature -40°C to 85°C
- Power < 250mW
- Differential PECL Outputs

For more information, contact Jerry Powder at 631-755-7014. Visit our website at www.tlsi.com



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