

CONTACT:

Dana Nwaizu
(814) 838-3571, Ext. 283
DanaN@bliley.com
www.bliley.com

FOR IMMEDIATE RELEASE

Bliley Introduces the First in its Olympian Family of Oscillators – the Apollo Series OCXO – with Unparalleled Phase Noise Performance in a 1” x 1” Package and Frequency Range Customization

Bliley’s Apollo series OCXO features ultra-low phase noise performance with excellent temperature stability in a miniature package. Measuring just 1.0” x 1.0” x 0.460” the Apollo series has a customizable frequency range of 30 MHz to 130 MHz. Designed for demanding applications requiring superior noise performance out to a 100 KHz offset, the Apollo series is well suited for: Satellite, Medical Imaging Equipment, Telecommunications, Up/Down Frequency Converters, Transceivers, Test Equipment, Phase-Locked Microwave Sources and Radar Systems.

ERIE, Pa. (October 14, 2011) – Bliley Technologies, Inc., a worldwide leader in crystal controlled frequency generation solutions, introduces the Apollo OCXO series featuring unparalleled phase noise performance in a low profile, 1.0" x 1.0" package.

Electronics engineers find excellent frequency versus temperature stability, design flexibility with customizable frequencies from 30 MHz to 130 MHz, solutions for meeting compact design challenges, and RoHS compliant versions as needed.

With an 80-year operational base, Bliley is in a rare position of being one of the few U.S. companies that still performs onsite quartz crystal manufacturing for custom oscillator designs, such as the Apollo OCXOs. Bliley's Apollo series oscillators will be manufactured in the USA at the company's Erie-based facility.

The mini-chart below depicts available options as related to phase noise performance:

PHASE NOISE – BLILEY'S APOLLO OCXOS (*Options are worst case performance at 100 MHz*)

| Offset Frequency | Option A (dBc/Hz) | Option B (dBc/Hz) | Option C (dBc/Hz) | Option D* (dBc/Hz) |
|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|
| 10 Hz | -103 | -100 | -95 | -90 |
| 100 Hz | -133 | -130 | -125 | -120 |
| 1000 Hz | -157 | -155 | -155 | -153 |
| 10000 Hz | -170 | -168 | -165 | -165 |
| 100000 Hz | -174 | -172 | -170 | -170 |

* Option “D” phase noise units are available for quick turn delivery in four weeks or less.

To view complete online specifications for Bliley's Apollo Series OCXOs, visit:

www.bliley.com/datasheets/Apollo_Series.pdf.

About Bliley Technologies, Inc.:

Bliley has been producing state-of-the-art, low phase noise frequency generation products since 1930 and is recognized internationally as a provider of quality solutions for the following industries: SATCOM/space; military; aerospace electronics; wireless and wireline communication; instrumentation; and consumer electronics.

Bliley specializes in producing standard and custom frequency control components for demanding applications. At its state-of-the-art, ISO 9001:2000 certified manufacturing facilities, the company designs and produces:

- Oven Controlled Crystal Oscillators (OCXOs)
- Temperature Compensated Crystal Oscillators (TCXOs)
- Voltage Controlled Crystal Oscillators (VCXOs)
- Crystal Oscillators (XOs)
- Precision AT, SC, IT & FC cut crystals
- Rubidium Standards
- Quartz Transducers.

For more information, contact Bliley (www.bliley.com) at 2545 West Grandview Boulevard, Erie, Pa., 16506-4512. Phone: (814) 838-3571.

###

EDITOR'S NOTE:

For a digital image of Bliley Technologies' Apollo Series OCXO, contact Dana Nwaizu at (814) 838-3571, Ext. 283. Email: DanaN@bliley.com.