



Product Overview

**NBXSGA008: Crystal Oscillator Clock Module, PureEdge®, 161.1328 MHz LVPECL, 2.5 V / 3.3 V**

For complete documentation, see the data sheet

**Product Description**

The NBXSGA008, single frequency, crystal oscillator (XO) is designed to meet today's requirements for 2.5/3.3 V LVPECL clock generation applications. The device uses a high Q fundamental crystal and Phase Lock Loop (PLL) multiplier to provide 161.1328 MHz, ultra low jitter and phase noise LVPECL differential output.

Features	Benefits
<ul style="list-style-type: none"><li>• LVPECL Differential Output</li><li>• Uses High Q Fundamental Mode Crystal and PLL Multiplier</li><li>• Ultra Low Jitter and Phase Noise 0.5 ps (12 kHz 20 MHz)</li><li>• Output Frequency 161.1328 MHz</li><li>• Hermetically Sealed Ceramic SMD Package</li><li>• RoHS Compliant</li><li>• Operating Range: 2.5 V +/-5% or 3.3 V +/-10%</li><li>• Total Frequency Stability 50 PPM</li><li>• This is a PbFree Device</li></ul>	<ul style="list-style-type: none"><li>• Design Flexibility</li><li>• Enhanced Performance</li><li>• Enhanced Performance</li><li>• Meets Standards Protocols</li><li>• Design Flexibility</li><li>• Meets Manufacturing Standards</li><li>• Design Flexibility</li><li>• Enhanced Performance</li><li>• Meets Manufacturing Standards</li></ul>

**Applications**

- Networking / Telecom
- Storage
- 10 GE
- WLAN

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