



Product Overview

NBXMBB024: Crystal Oscillator Clock Module, PureEdge®, 622.08 MHz LVPECL, 2.5 V / 3.3 V

For complete documentation, see the data sheet

Product Description

The single frequency, crystal oscillator (XO) is designed to meet today's requirements for 2.5 V / 3.3 V LVPECL clock generation applications. The device uses a high Q fundamental crystal and Phase Lock Loop (PLL) multiplier to provide 622.08 MHz, ultra low jitter and phase noise LVPECL differential output.

Features	Benefits
<ul style="list-style-type: none">• LVPECL Differential Output• Uses High Q Fundamental Mode Crystal and PLL Multiplier• Ultra Low Jitter and Phase Noise 0.5 ps (12 kHz 20 MHz)• Output Frequency 622.08 MHz• Hermetically Sealed Ceramic SMD Package• RoHS Compliant• Operating Range: 2.5 V 5% or 3.3 V 10%• Total Frequency Stability 20 PPM; 50 PPM• This is a PbFree Device	<ul style="list-style-type: none">• Design Flexibility• Advanced Performance• Advanced Performance• Meets Industry Standards• Meets Industry Standards• Meets Manufacturing Standards• Design Flexibility• Advanced Performance• Meets Manufacturing Standards

Applications

- SONET Line Card
- Networking

For more information please contact your local sales support at www.onsemi.com

Created on: 7/11/2015