



Product Overview

NBXHGA017: Crystal Oscillator Clock Module, PureEdge®, 156.25 MHz LVPECL, 2.5 V / 3.3 V

For complete documentation, see the data sheet

Product Description

The NBXHGA017, single frequency, crystal oscillator (XO) is designed to meet 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 156.25 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 156.25 MHz• Hermetically Sealed Ceramic SMD Package• RoHS Compliant• Operating Range: 2.5 V 5% or 3.3 V 10%• Total Frequency Stability 50 PPM• This is a PbFree Device	<ul style="list-style-type: none">• Design Flexibility• Design Flexibility• Enhanced Performance• Standards Protocols• Design Flexibility• Meets Manufacturing Standards• Design Flexibility• Enhanced Performance• Meets Manufacturing Standards

Applications

- Networking
- Storage
- Wireless Radio Communications

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Created on: 7/11/2015