



Product Overview

NBXHGA019: Crystal Oscillator Clock Module, PureEdge®, 125 MHz LVPECL, 2.5 V / 3.3 V

For complete documentation, see the data sheet

Product Description

The NBXHGA019, 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 125.00 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 125.00 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• Enhanced Performance• 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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