



Product Overview

NBXHGA053: Crystal Oscillator Clock Module, PureEdge®, 50 MHz LVPECL, 3.3 V

For complete documentation, see the data sheet

Product Description

The NBXHGA053, single frequency, crystal oscillator (XO) is designed to meet today's requirements for 3.3 V LVPECL clock generation applications. The device uses a high Q fundamental crystal and Phase Lock Loop (PLL) multiplier to provide 50.00 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 50.00 MHz</li><li>• Hermetically Sealed Ceramic SMD Package</li><li>• RoHS Compliant</li><li>• Operating Range: 3.3 V 5%</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
- General Purpose

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

Created on: 7/11/2015