



Product Overview

NBXSBA023: Crystal Oscillator Module, PureEdge®, 400 MHz LVPECL, 3.3 V

For complete documentation, see the data sheet

Product Description

The NBXSBB023/NBXSBA023 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 400 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 0.4 ps (12 kHz 20 MHz)</li><li>• Hermetically Sealed Ceramic SMD Package</li><li>• RoHS Compliant</li><li>• Operating Range 3.3 V 10%</li><li>• Total Frequency Stability +/-20 PPM or +/-50 PPM</li></ul>	<ul style="list-style-type: none"><li>• Board to Board self reference</li><li>• Small compact package</li><li>• Precision Clocking</li><li>• Extended Lifetime and Increased Reliability</li><li>• Industry Standard</li><li>• Compatible with Low Voltage Systems</li><li>• High Reliability</li></ul>

Applications	End Products
<ul style="list-style-type: none"><li>• Networking SPI-4</li></ul>	<ul style="list-style-type: none"><li>• Networking Systems</li></ul>

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

Created on: 7/11/2015