



Product Overview

NBXSBA019: Crystal Oscillator Module, PureEdge®, 125 MHz / 250 MHz LVPECL, 3.3 V

For complete documentation, see the data sheet

Product Description

The NBXDBA019 dual 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 selectable 125 MHz or 250 MHz, ultra low jitter and phase noise LVPECL differential output. This device is a member of ON Semiconductor's PureEdge™ clock family that provides accurate and precision clock solutions. Available in 5 mm x 7 mm SMD CLCC) package on 16 mm tape and reel in quantities of 1000.

Features	Benefits
<ul style="list-style-type: none">• Selectable Output Frequency - 125 MHz / 250 MHz• LVPECL Differential Output• Uses High Q Fundamental Mode Crystal and PLL Multiplier• Ultra Low Jitter and Phase Noise - 0.4 ps (12 kHz - 20 MHz)• Operating Range 3.3 V +/-10%• Total Frequency Stability - +/-50PPM• Ethernet, Gigabit Ethernet	<ul style="list-style-type: none">• BOM Simplification and improved system reliability

Applications	End Products
<ul style="list-style-type: none">• Infiniband	<ul style="list-style-type: none">• Basestations

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

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