



Product Overview

NBXSBA021: Crystal Oscillator Module, PureEdge®, 266.667 MHz LVPECL, 3.3 V

For complete documentation, see the data sheet

Product Description

The NBXSBB021/NBXSBA021 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 266.667 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 1,000. Frequency stability options available as either 50 PPM NBXSBA021 or 20 PPM NBXSBB021.

Features

- LVPECL Differential Output
- Ultra Low Jitter and Phase Noise - 0.4 ps (12 kHz - 20 MHz)
- Output Frequency - 266.667 MHz
- Operating Range 3.3 V 10%

Applications	End Products
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| <ul style="list-style-type: none"><li>• Clock Source for FBDIM</li></ul> | <ul style="list-style-type: none"><li>• Servers</li></ul> |
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For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com)

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