



Product Overview

NBXDDA016: Crystal Oscillator Module, PureEdge®, 133.33 MHz / 137.93 MHz CML, 3.3 V

For complete documentation, see the data sheet

Product Description

The NBXDDB016/NBXDDA016 dual frequency crystal oscillator(XO) is designed to meet today's requirements for 3.3V CML clock generation applications. The device uses a high Q fundamental crystal and Phase Lock Loop (PLL) multiplier to provide selectable 133.33 MHz or 137.93 MHz, ultra low jitter and phase noise CML 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 NBXDDB016 or 20 PPM NBXDDA016.

Features	Benefits
<ul style="list-style-type: none">Frequency Stability - +/-20PPM and +/-50PPMCML Differential OutputUses High Q Fundamental Mode Crystal and PLL MultiplierUltra Low Jitter and Phase Noise - 0.4 ps (12 kHz - 20 MHz)Selectable Output Frequency - 133.33 MHz (default)/137.93MHzOperating Range 3.3 V 10%	<ul style="list-style-type: none">BOM simplification and improved system reliability

Applications	End Products
<ul style="list-style-type: none">General Purpose Clock Generation and Margining	<ul style="list-style-type: none">ServersBasestations

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