



Product Overview

NBXDPA018: Crystal Oscillator Module, PureEdge™, 155.52 MHz / 311.04 MHz, 2.5 V / 3.3 V

[For complete documentation, see the data sheet](#)

Product Description

The NBXDPA018 dual frequency crystal oscillator (XO) is designed to meet today's requirements for 2.5 V and 3.3 V LVDS clock generation applications. The device uses a high Q fundamental crystal and Phase Lock Loop (PLL) multiplier to provide selectable 155.52 MHz or 311.04 MHz, ultra low jitter and phase noise LVDS differential output. This device is a member of ON Semiconductor's PureEdge™ clock family that provides accurate and precision clock solutions.

Features

- LVDS Differential Output
- Uses High Q Fundamental Mode Crystal and PLL Multiplier
- Ultra Low Jitter and Phase Noise 0.5 ps (12 kHz to 20 MHz)
- Selectable Output Frequency 155.52 MHz (default) / 311.04 MHz
- Operating Range: 2.5 V +/-5% or 3.3 V +/-10%
- Total Frequency Stability +/-50 ppm
- This is a PbFree Device
- Optical Systems

Applications

- SONET Line Card
- Networking

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

Created on: 7/11/2015