



Product Overview

NBXSBA022: Crystal Oscillator Module, PureEdge®, 187.5 MHz LVPECL, 3.3 V

For complete documentation, see the data sheet

Product Description

The NBXSBB022/NBXSBA022 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 187.5 MHz, ultra low jitter and phase noise LVPECL differential output.

| Features | Benefits |
|--|---|
| <ul style="list-style-type: none">• 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)• Hermetically Sealed Ceramic SMD Package• RoHS Compliant• Operating Range 3.3 V 10%• Total Frequency Stability 20 PPM or 50 PPM | <ul style="list-style-type: none">• Board to Board self reference• Small compact package• Precision Clocking• Extended Lifetime and Increased Reliability• Industry Standard• Compatible with Low Voltage Systems• High Reliability |

| Applications | End Products |
|---|--|
| <ul style="list-style-type: none">• Clock Systems• Clock Systems | <ul style="list-style-type: none">• Networking Systems |

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

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