

2.5V/3.3V CMOS FS XO

NX31SA



3.2 x 2.5mm Ceramic SMD

Product Features

- 2 selectable output frequencies
- Very low phase jitter - < 1.0ps RMS max.
- Wide frequency range - 5 ~ 250MHz
- Thicker crystal for improved reliability
- Low supply current - 60mA max.
- Industrial Temperature Range
- Pb-free & RoHS compliant
- Fast lead time

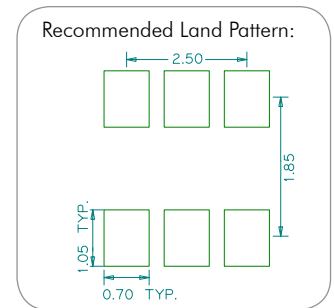
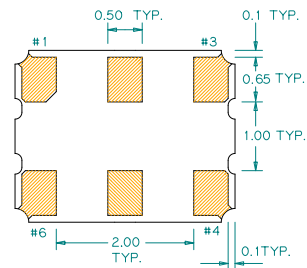
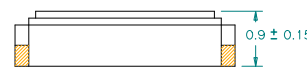
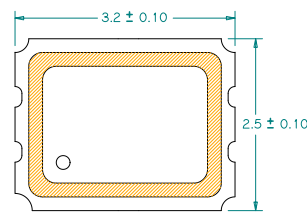
Product Description

The NX31SA XO series is a high performance LVC MOS crystal oscillator family with very low jitter performance. Depending on customers' needs, this family devices can support 2 different frequencies using the FS select pin. It supports various options including wider frequency range, 2.5V/3.3V voltage, and various stabilities. It is designed to meet the clock source specifications for communication systems, and other high performance equipment.

Applications

- Networking systems
- Servers and storage systems
- Profession video equipments
- Test and measurement
- FPGA/ASIC clock generation

Package: (Scale: none, Dimensions are in mm)



Pin Functions:

Pin	Function
1	OE Function
2	FS
3	Ground
4	Output
5	N/C
6	V _{DD}

Frequency Select Table:

FS	Output
0	Frequency 1*
1	Frequency 2*

*Extended high frequency power decoupling is recommended (see test circuit for minimum recommendation). To ensure optimal performance, do not route RF traces beneath the package.

*Frequency 1 and Frequency 2 can be any frequencies within the output frequency range.

Part Ordering Information:

NX 31 SA XXXX

