

# Crystal Oscillator

## Model Name NV5032SA

Voltage-Controlled Crystal Oscillator (VCXO)

### Main Application

For communication equipment for WiMAX, etc.

### Features

- A small ceramics-package.(Dimensions : 5.0×3.2mm)
- Output level : CMOS



Pb Free

RoHS Compliant  
Directive 2011/65/EU

### Specifications

Item	Model	NV5032SA
Nominal frequency (MHz)		2.5 to 80
Standard frequency (MHz)		38.4, 52
Supply voltage [V <sub>cc</sub> ] (V)		+3.3 ±10 %
Current consumption (mA)		Max. 35
Output level		CMOS
Symmetry (%)		45 to 55 (1/2 V <sub>cc</sub> )
Output load condition		15 pF
Operating temperature range (°C)		-40 to +85
Storage temperature range (°C)		-55 to +125
Overall frequency tolerance		Max. ±50 × 10 <sup>-6</sup>
Frequency control range		Min. ±100 × 10 <sup>-6</sup> / +1.65 ± 1.65 V
Frequency change polarity		Positive
Number for specifying an order		NSA3430A

### How to Specify an Order

When ordering our products, specify them with an "Ordering Code" that consists of the following:

Model name – Frequency (up to 9 digits) M – Number for specifying an order      Example: NV5032SA-52M-NSA3430A

If you have any queries concerning our standard frequencies and numbers for specifying orders, please contact our sales representatives or visit our homepage (<http://www.ndk.com/>)

### Dimensions

