

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 _{cc}] (V)		+3.3 ±10 %
Current consumption (mA)		Max. 35
Output level		CMOS
Symmetry (%)		45 to 55 (1/2 V _{cc})
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 ⁻⁶
Frequency control range		Min. ±100 × 10 ⁻⁶ / +1.65 ± 1.65 V
Frequency change polarity		Positive
Number for specifying an order		NSA3430A

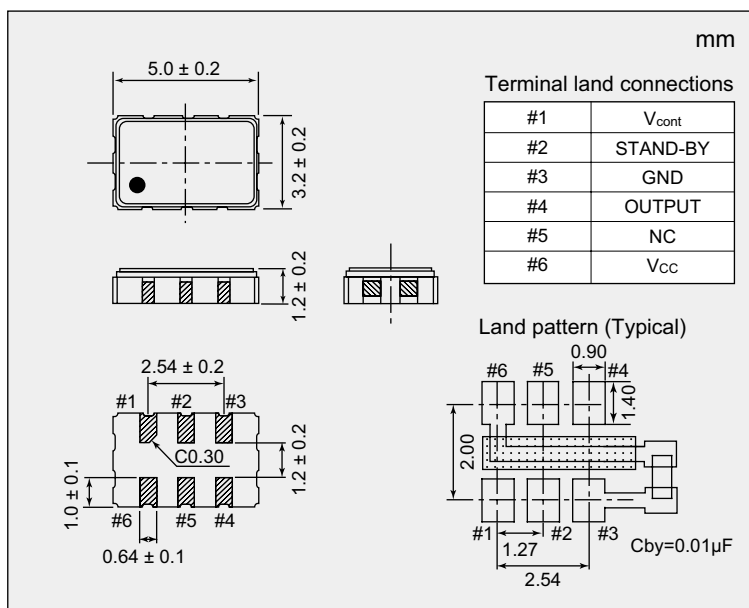
How to Specify an Order

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



NV5032SA

Voltage Controlled Crystal Oscillator (VCXO)

Main Application

For communication equipment for ISDN, SDH/SONET, WiMAX, etc. and Base-stations

Features

- A small ceramics-package.(Dimensions : 5.0×3.2mm)
- Output Specification : CMOS
- Frequency range : 62MHz to 170MHz
- Low current consumption : Max. 35mA



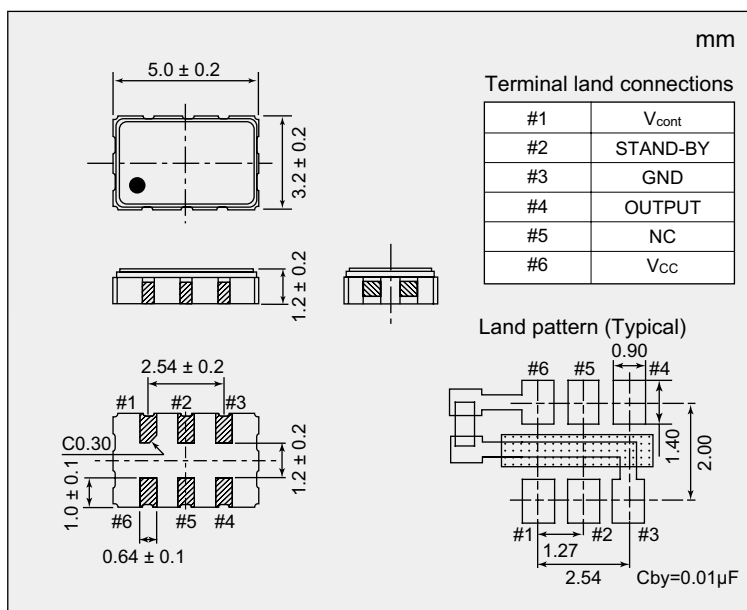
Pb Free

RoHS Compliant
Directive 2011/65/EU
Directive (EU) 2015/863

Specifications

Item	Model	NV5032SA
Nominal Frequency Range (MHz)		62 to 170
Standard Frequency (MHz)		100, 122.88, 125, 153.6
Supply Voltage [V _{CC}] (V)		+3.3 ±10 %
Current Consumption (mA)		Max. 35
Output Specification		CMOS
Symmetry (%)		45 to 55 (1/2 V _{CC})
Output Load Condition (pF)		15
Operating Temperature Range (°C)		-40 to +85
Storage Temperature Range (°C)		-55 to +125
Overall Frequency Tolerance		Max. ±50 × 10 ⁻⁶
Frequency Control Range / Control Voltage [V _{cont}]		Min. ±100 × 10 ⁻⁶ / +1.65 ± 1.65 V
Frequency Change Polarity		Positive
Specification Number		NSA3621A

Dimensions



List of Stand-by function

Input (#2)	Output (#4)
High Level (Min. 0.7 V _{CC}) or OPEN	Output
Low Level (Max. 0.3 V _{CC})	Hi-Impedance

Please specify the model name, frequency, and specification number when you order products.
For further questions regarding specifications, please feel free to contact us.