

Crystal Oscillator



Crystal Bridge to the Future

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Model Name NV5032SA

Voltage-Controlled Crystal Oscillator (VCXO)

Main Application

For communication equipment for WIMAX, etc.

Features

- A ceramics-package SMD.
- Output level: C-MOS level
- Ultra-compact and with excellent aging characteristics.
- Superb phase noise characteristics that are essential for WIMAX.



Pb Free

RoHS Compliant
Directive 2002/95/EC

Specifications

Item	Model	NV5032SA
Power supply voltage (VCC)		+3.3V±10%
Standard nominal frequency (MHz)		52
Output level		C-MOS level
Load		15pF
Consumption current		10mA max.
Operating temperature range		-40 to +85°C
Comprehensive frequency stability		±50×10 ⁻⁶ max.
Frequency control characteristic		±100×10 ⁻⁶ min./+1.65±1.5V
Control polarity		Positive
Duty cycle		45 to 55% (1/2 VCC)
Specification No.		NSA3430A

List of Ordering Codes

Frequency (MHz)	Ordering Code
52	NV5032SA-52M-NSA3430A

The above frequencies are NDK' s standard frequencies.

Frequencies other than the above are available. Feel free to contact our sales representatives.

Dimensions

