

Model Name NV7050SA

Voltage-Controlled Crystal Oscillator (VCXO)

■ Main Application

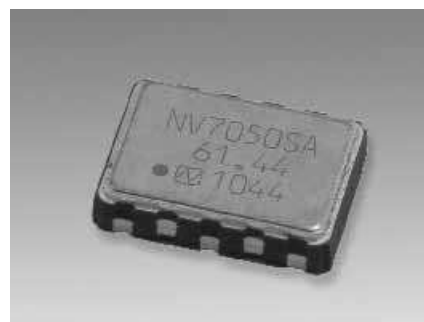
For communication equipment, ISDN, SDH, WiMAX, LTE etc.

■ Features

- A ceramics-package(Dimensions : 7.0×5.0mm).
- Output level: CMOS
- Low power supply voltage(+3.3 V)

Pb
Free

RoHS Compliant
Directive 2011/65/EU



■ Specifications

Item	Model	NV7050SA	
Nominal frequency range [f] (MHz)		$2.048 \leq F \leq 40$	$40 < F \leq 80$
Supply voltage [V _{CC}] (V)		$+3.3 \pm 10\%$	
Current consumption (mA)		Max. 10	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. $\pm 50 \times 10^{-6}$	
Frequency control range / Control voltage [V _{cont}]		Min. $\pm 100 \times 10^{-6}$ / $+1.65 \pm 1.5$ V	
Frequency change polarity		Positive	
Stand-by or Enable / Disable function		Stand-by function	Enable / Disable function (Enable High Level type)
Number for specifying an order		NSA3541A	NSA3406A

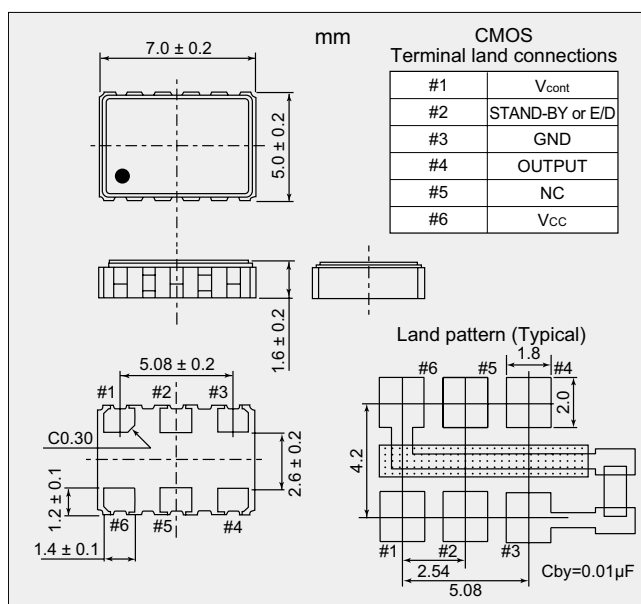
■ How to Specify an Order

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: NV7050SA–52M–NSA3406A

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



■ List of Stand-by function

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

■ List of Enable / Disable function

Enable High Level type	
Input (#2)	Output (#4)
High Level (0.7 V _{CC} min) or OPEN	Enable
Low Level (0.3 V _{CC} max)	Disable (Hi-Impedance)