

Model Name NV7050SA

Voltage-Controlled Crystal Oscillator (VCXO)

Main Application

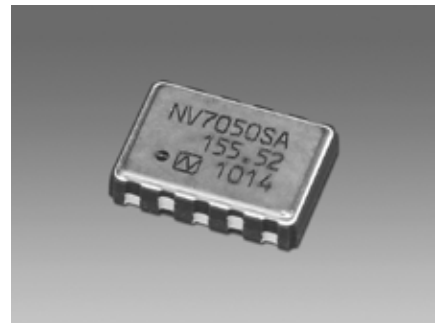
For communication equipment, ISDN, SDH, WiMAX, LTE etc.

Features

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

Pb Free

RoHS Compliant
Directive 2011/65/EU



Specifications

Item	Model	NV7050SA
Nominal frequency range [f] (MHz)		80 < F ≤ 170
Supply voltage [V _{CC}] (V)		+3.3 ± 10 %
Current consumption (mA)		Max. 85
Output level		LVPECL
Symmetry (%)		45 to 55 (V _{CC} -1.3V)
Output load condition		50Ω (V _{CC} -2.0V)
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 ± 1.5 V
Frequency change polarity		Positive
Enable / Disable function	Enable Low Level Type	Enable High Level Type
Number for specifying an order	NSA3407A	NSA3511A

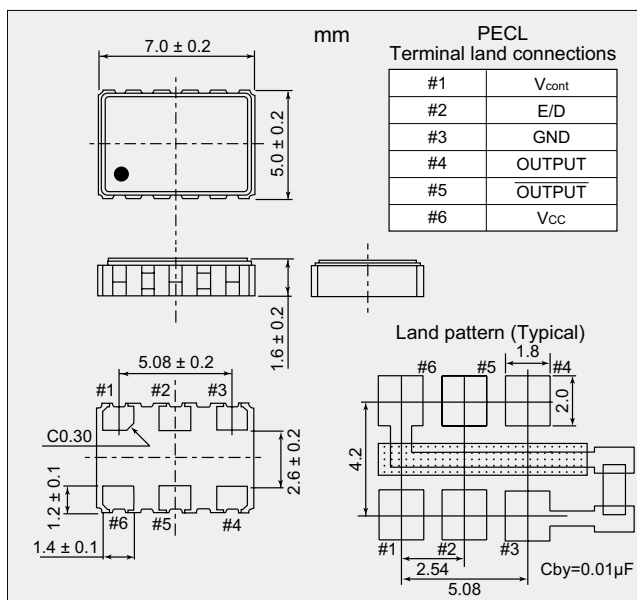
How to Specify an Order

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-122.88M-NSA3407A

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 Enable / Disable function

Enable Low Level Type

Input (#2)	Output (#4)	Output (#5)
High Level (0.7 V _{CC} min)	Disable (High Level)	Disable (Low Level)
Low Level (0.3 V _{CC} max) or OPEN	Enable	Enable

Enable High Level Type

Input (#2)	Output (#4)	Output (#5)
High Level (0.7 V _{CC} min) or OPEN	Enable	Enable
Low Level (0.3 V _{CC} max)	Disable (High Level)	Disable (Low Level)