

NV7050SA

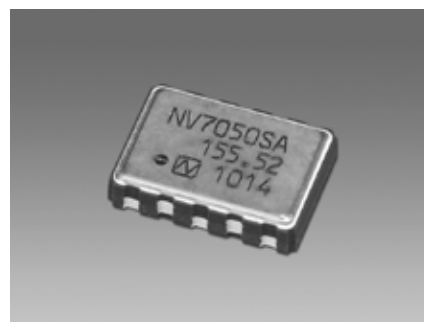
Voltage Controlled Crystal Oscillator (VCXO)

■ Main Application

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

■ Features

- A ceramics-package (Dimensions : 7.0×5.0mm).
- Output Specification : LVPECL
- Frequency range : 80MHz to 170MHz



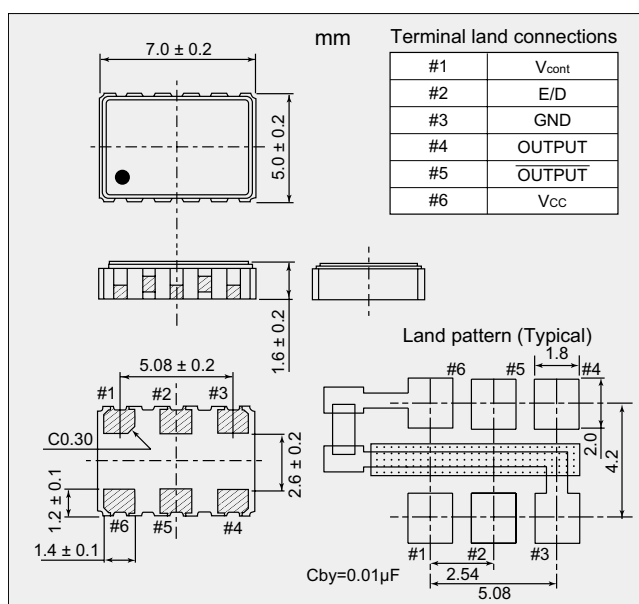
Pb
Free

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

■ Specifications

Item	Model	NV7050SA
Nominal Frequency Range [f] (MHz)		$80 < F \leq 170$
Standard Frequency (MHz)		122.88, 153.6
Supply Voltage [V _{CC}] (V)		$+3.3 \pm 10\%$
Current Consumption (mA)		Max. 85
Output Specification		LVPECL
Symmetry (%)		45 to 55 (V _{CC} -1.3V)
Output Load Condition (Ω)		50 (V _{CC} -2.0V)
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. $\pm 100 \times 10^{-6}$ / $+1.65 \pm 1.65$ V
Frequency Change Polarity		Positive
Enable / Disable function	Enable Low Level Type	Enable High Level Type
Specification Number	NSA3616A	NSA3617A

■ Dimensions



■ List of Enable / Disable function

Enable Low Level Type

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

Enable High Level Type

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

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