

NV7050SA

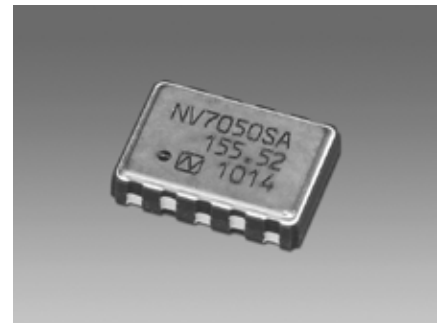
Voltage Controlled Crystal Oscillator (VCXO)

Main Application

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

Features

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



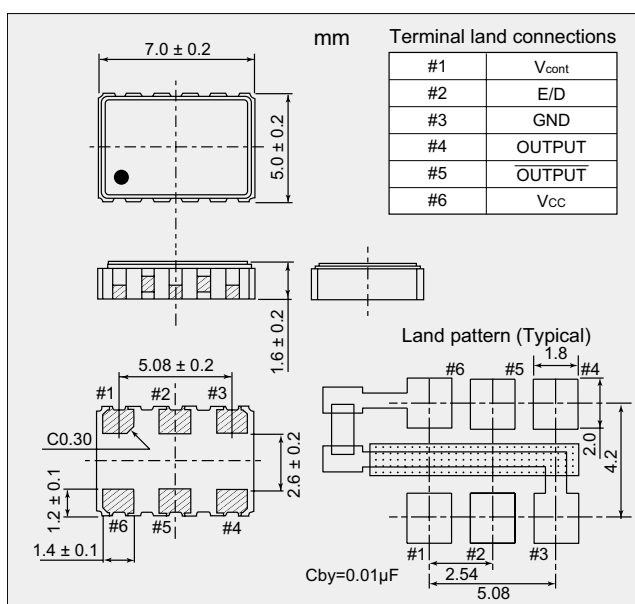
Pb Free

RoHS Compliant
Directive 2011/65/EU

Specifications

Item	Model	NV7050SA
Nominal Frequency Range [f] (MHz)		80 < F ≤ 170
Standard Frequency (MHz)		122.88, 153.6
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 (Ω)		50 (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 ± 1.65 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.