



SIT9003AI-3-33EO Information



For Reference Only

Part Number SIT9003AI-3-33EO

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 3.3V EN/DS 50PPM

Package 4-SMD, No Lead

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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SIT9003AI-3-33EO Specifications

Manufacturer Part Number SIT9003A1-3-33EO Manufacturer SiTIME Category Crystals, Oscillators, Resonators Programmable Oscillators Package 4-SMD, No Lead Series SiT9003 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)		
Category Crystals, Oscillators, Resonators Programmable Oscillators Package 4-SMD, No Lead Series SiT9003 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability (Total) ±50ppm Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Manufacturer Part Number	SIT9003AI-3-33EO
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Series SiT9003 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height		Programmable Oscillators
Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Package	4-SMD, No Lead
Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.00000000000000000000000000000000000	Series	SiT9003
Available Frequency Range IMHz ~ 110MHz Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) Deprating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.031" (0.79mm)	Туре	MEMS (Silicon)
Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.0031" (0.79mm)	Programmable Type	Programmed as Request
Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Available Frequency Range	1MHz ~ 110MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) Atimas Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension Height 3.3V 3.3V 3.3V 450ppm 450ppm 40°C ~ 85°C 500mm Spread 4.1mA 4.1mA 500mm 4.1mA 600mm 600mm	Function	Enable/Disable
Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Output	LVCMOS, LVTTL
Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Voltage - Supply	3.3V
Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Frequency Stability	±50ppm
Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Frequency Stability (Total)	±50ppm, ±100ppm
Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Operating Temperature	-40°C ~ 85°C
Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Spread Spectrum Bandwidth	-0.50%, Down Spread
Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Current - Supply (Max)	4.1mA
Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Ratings	-
Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Mounting Type	Surface Mount
Height 0.031" (0.79mm)	Package / Case	4-SMD, No Lead
	Size / Dimension	0.197" L x 0.126" W (5.00mm x 3.20mm)
Papart arrors?	Height	0.031" (0.79mm)
Report crisis:		Report errors?

SIT9003AI-3-33EO Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

SIT9003AI-3-33EO Payment Methods



















SIT9003AI-3-33EO Shipping Methods













If you have any question about SIT9003AI-3-33EO, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com