



SIT9003AI-1-33SO Information



For Reference Only

Part Number SIT9003AI-1-33SO

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 3.3V STBY 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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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









SIT9003AI-1-33SO Specifications

Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series SiT9003 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Standby 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 0.098" L x 0.079" W (2.50mm x 2.00mm)		
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Function Standby 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 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (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 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm)	Available Frequency Range	1MHz ~ 110MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Operating Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Height 3.3V 3.3V ±50ppm ±50ppm ±50ppm ±00ppm -40°C ~ 85°C -0.50%, Down Spread -0.50%, Down Spread -0.50%, Down Spread 4.1mA -0.50%, Down Spread -0.50%, D	Function	Standby
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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 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm)	Frequency Stability	±50ppm
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Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm)	Operating Temperature	-40°C ~ 85°C
Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm)	Spread Spectrum Bandwidth	-0.50%, Down Spread
Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm)	Current - Supply (Max)	4.1mA
Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm)	Ratings	-
Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm)	Mounting Type	Surface Mount
Height 0.031" (0.79mm)	Package / Case	4-SMD, No Lead
	Size / Dimension	0.098" L x 0.079" W (2.50mm x 2.00mm)
Report errors?	Height	0.031" (0.79mm)
		Report errors?

SIT9003AI-1-33SO 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-1-33SO Payment Methods



















SIT9003AI-1-33SO Shipping Methods













If you have any question about SIT9003AI-1-33SO, please do not hesitate to contact us!

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