

SIT9001AI-23-XXXX-000.FP000

SIT9001AI-23-XXXX-000.FP000 Information



For Reference Only

Part Number SIT9001AI-23-XXXX-000.FP000

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PGM 1MHZ - 200MHZ SMD

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.









SIT9001AI-23-XXXX-000.FP000 Specifications

Manufacturer Part Number SIT9001AI-23-XXXX-000.FP000 Manufacturer SiTIME Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series SiT9001 Type MEMS (Silicon) Programmable Type Blank (User Must Program) Available Frequency Range IMHz ~ 200MHz Function Enable/Disable, Standby Output LVCMOS Voltage - Supply 1.8V, 2.5 V ~ 3.3 V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C, -20°C ~ -40°C Spread Spectrum Bandwidth - Current - Supply (Max) 34mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)		
Category Crystals, Oscillators, Resonators Programmable Oscillators Package 4-SMD, No Lead Series SiT9001 Type MEMS (Silicon) Programmable Type Blank (User Must Program) Available Frequency Range 1MHz ~ 200MHz Function Enable/Disable, Standby Output LVCMOS Voltage - Supply 1.8V, 2.5 V ~ 3.3 V Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C, -20°C ~ -40°C Spread Spectrum Bandwidth - Current - Supply (Max) 34mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Manufacturer Part Number	SIT9001AI-23-XXXX-000.FP000
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Series SiT9001 Type MEMS (Silicon) Programmable Type Blank (User Must Program) Available Frequency Range 1MHz ~ 200MHz Function Enable/Disable, Standby Output LVCMOS Voltage - Supply 1.8V, 2.5 V ~ 3.3 V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C, -20°C ~ -40°C Spread Spectrum Bandwidth - Current - Supply (Max) 34mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)		Programmable Oscillators
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Programmable Type Blank (User Must Program) Available Frequency Range 1MHz ~ 200MHz Function Enable/Disable, Standby Output LVCMOS Voltage - Supply 1.8V, 2.5 V ~ 3.3 V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C, -20°C ~ -40°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height	Series	SiT9001
Available Frequency Range IMHz ~ 200MHz Enable/Disable, Standby Output LVCMOS Voltage - Supply 1.8V, 2.5 V ~ 3.3 V Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C, -20°C ~ -40°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.031" (0.79mm)	Туре	MEMS (Silicon)
Function Enable/Disable, Standby Output LVCMOS Voltage - Supply 1.8V, 2.5 V ~ 3.3 V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C, -20°C ~ -40°C Spread Spectrum Bandwidth - Current - Supply (Max) 34mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Programmable Type	Blank (User Must Program)
Output LVCMOS Voltage - Supply 1.8V, 2.5 V ~ 3.3 V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C, -20°C ~ -40°C Spread Spectrum Bandwidth - Current - Supply (Max) 34mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Available Frequency Range	1MHz ~ 200MHz
Voltage - Supply 1.8V, 2.5 V ~ 3.3 V Frequency Stability ±25ppm Frequency Stability (Total) Operating Temperature -40°C ~ 85°C, -20°C ~ -40°C Spread Spectrum Bandwidth - Current - Supply (Max) 34mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height	Function	Enable/Disable, Standby
Frequency Stability (Total) Operating Temperature -40°C ~ 85°C, -20°C ~ -40°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.031" (0.79mm) + 25ppm -40°C ~ 85°C, -20°C ~ -40°C -40°	Output	LVCMOS
Frequency Stability (Total) Operating Temperature -40°C ~ 85°C, -20°C ~ -40°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height - 0.031" (0.79mm)	Voltage - Supply	1.8V, 2.5 V ~ 3.3 V
Operating Temperature -40°C ~ 85°C, -20°C ~ -40°C Spread Spectrum Bandwidth - Current - Supply (Max) 34mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Frequency Stability	±25ppm
Spread Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Frequency Stability (Total)	-
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Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Ratings	-
Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Mounting Type	Surface Mount
Height 0.031" (0.79mm)	Package / Case	4-SMD, No Lead
	Size / Dimension	0.126" L x 0.098" W (3.20mm x 2.50mm)
Report errors?	Height	0.031" (0.79mm)
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SIT9001AI-23-XXXX-000.FP000 Guarantees



Ouality 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.

SIT9001AI-23-XXXX-000.FP000 Payment Methods





















SIT9001AI-23-XXXX-000.FP000 Shipping Methods













If you have any question about SIT9001AI-23-XXXX-000.FP000, please do not hesitate to contact us!

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