



SIT8008AIA8-XXS Information



For Reference Only

Part Number SIT8008AIA8-XXS

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 2.25V-3.63V

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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SIT8008AIA8-XXS Specifications

Manufacturer Part Number SIT8008AIA8-XXS Manufacturer SiTIME Category Crystals, Oscillators, Resonators Programmable Oscillators Programmable Oscillators Package 4-SMD, No Lead Series SiT8008 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Standby Output HCMOS, LVCMOS Voltage - Supply ±20 pm Frequency Stability ±20 pm Frequency Stability (Total) - Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)		
Category Crystals, Oscillators, Resonators Programmable Oscillators Package 4-SMD, No Lead Series SiT8008 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Standby Output HCMOS, LVCMOS Voltage - Supply 2.25 V ~ 3.63 V Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Manufacturer Part Number	SIT8008AIA8-XXS
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Function Standby Output HCMOS, LVCMOS Voltage - Supply 2.25 V ~ 3.63 V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.039" (1.00mm) Height Over 3.63 V Examples Surface Mount Standby HCMOS, LVCMOS 2.25 V ~ 3.63 V 4.20ppm -40°C ~ 85°C Spread Spectrum Sandwidth Current - Supply (Max) 4.5mA 4.5mA 4.5mA 6.00000000000000000000000000000000000	Programmable Type	Programmed as Request
Output HCMOS, LVCMOS Voltage - Supply 2.25 V ~ 3.63 V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Available Frequency Range	1MHz ~ 110MHz
Voltage - Supply 2.25 V ~ 3.63 V Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension Height 2.25 V ~ 3.63 V 2.25 V ~ 3.63 V 2.20 Pm 4-S0 C 5-C 4-S0 C 5-C 5-C 5-C 5-C 5-C 5-C 5-C 5	Function	Standby
Frequency Stability (Total) Operating Temperature Operating Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Operating Temperature ±20ppm -40°C ~ 85°C -40°C ~ 85°C -500 4.5mA -500 4.5mA -600 5urface Mount 4-SMD, No Lead 5urface Mount 0.276" L x 0.197" W (7.00mm x 5.00mm) Height Onumerature 1.0000	Output	HCMOS, LVCMOS
Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height - 0.039" (1.00mm)	Voltage - Supply	2.25 V ~ 3.63 V
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Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Current - Supply (Max)	4.5mA
Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Ratings	-
Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Mounting Type	Surface Mount
Height 0.039" (1.00mm)	Package / Case	4-SMD, No Lead
, , ,	Size / Dimension	0.276" L x 0.197" W (7.00mm x 5.00mm)
Report errors?	Height	0.039" (1.00mm)
		Report errors?

SIT8008AIA8-XXS 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.

SIT8008AIA8-XXS Payment Methods









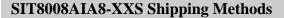
























If you have any question about SIT8008AIA8-XXS, please do not hesitate to contact us!

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