



SIT8008AIU2-25E Information



For Reference Only

Part Number SIT8008AIU2-25E

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 2.5V EN/DS 20PPM

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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SIT8008AIU2-25E Specifications

Manufacturer Part Number SIT 8008A1U2-25E Manufacturer SiTIME 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 Enable/Disable Output HCMOS, LVCMOS Voltage - Supply ±20ppm 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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)		
Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series SiT8008 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range IMHz ~ 110MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 2.5V 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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Manufacturer Part Number	SIT8008AIU2-25E
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Series SiT8008 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 2.5V 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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)		Programmable Oscillators
Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 2.5V 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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Package	4-SMD, No Lead
Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 2.5V 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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.00000000000000000000000000000000000	Series	SiT8008
Available Frequency Range Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 2.5V 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 0.031" (0.79mm)	Туре	MEMS (Silicon)
Function Enable/Disable Output HCMOS, LVCMOS Voltage - Supply 2.5V 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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Programmable Type	Programmed as Request
Output HCMOS, LVCMOS Voltage - Supply 2.5V 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 0.126" L x 0.098" W (3.20mm x 2.50mm) 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 - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension Height 2.5V 2.5V 2.5V 4-Opm - Supply 4-SND 5.5V - 8-SND 8-SND 8-SND 8-SND 9-SND 9	Function	Enable/Disable
Frequency Stability (Total) Operating Temperature Operating Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Height +20ppm - 4.0°C ~ 85°C - 40°C ~ 85°C - 5.0 - 4.5mA - 5.0 - 5.0 5.0 5.0 5.0 5.0 5.	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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height	Voltage - Supply	2.5V
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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Frequency Stability	±20ppm
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)	-
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)	Operating Temperature	-40°C ~ 85°C
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)	Spread Spectrum Bandwidth	-
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)	Current - Supply (Max)	4.5mA
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)
		Report errors?

SIT8008AIU2-25E 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.

SIT8008AIU2-25E Payment Methods





















SIT8008AIU2-25E Shipping Methods













If you have any question about SIT8008AIU2-25E, please do not hesitate to contact us!

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