



SIT8208AC-G-25S Information



For Reference Only

Part Number SIT8208AC-G-25S

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 2.5V STBY 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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Certified Quality

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SIT8208AC-G-25S Specifications

Manufacturer Part Number SIT8208AC-G-25S Manufacturer SiTIME Category Crystals, Oscillators, Resonators Programmable Oscillators Programmable Oscillators Package 4-SMD, No Lead Series SiT8208 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 80MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability ±20pm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 33mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)		
Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series SiT8208 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range IMHz ~ 80MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply ±20ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 33mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Manufacturer Part Number	SIT8208AC-G-25S
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Series SiT8208 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 80MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 33mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)		Programmable Oscillators
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Available Frequency Range IMHz ~ 80MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 33mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.031" (0.79mm)	Туре	MEMS (Silicon)
Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 33mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Programmable Type	Programmed as Request
Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability ±20ppm Frequency Stability (Total) - Operating Temperature -20°C ~70°C Spread Spectrum Bandwidth - Current - Supply (Max) 33mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.016" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Available Frequency Range	1MHz ~ 80MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature -20°C ~ 70°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 **Equation Supply** **Equation Su	Function	Standby
Frequency Stability (Total)	Output	LVCMOS, LVTTL
Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height - 0.031" (0.79mm)	Voltage - Supply	2.5V
Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 33mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) 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 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Frequency Stability (Total)	-
Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Operating Temperature	-20°C ~ 70°C
Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Current - Supply (Max)	33mA
Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Ratings	-
Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Mounting Type	Surface Mount
Height 0.031" (0.79mm)	Package / Case	4-SMD, No Lead
-	Size / Dimension	0.106" L x 0.094" W (2.70mm x 2.40mm)
Report errors?	Height	0.031" (0.79mm)
		Report errors?

SIT8208AC-G-25S 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.

SIT8208AC-G-25S Payment Methods



















SIT8208AC-G-25S Shipping Methods













If you have any question about SIT8208AC-G-25S, please do not hesitate to contact us!

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