



SIT9002AC-38N25SG Information



For Reference Only

Part Number SIT9002AC-38N25SG

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG CML 2.5V STBY 25PPM SMD

Package 6-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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SIT9002AC-38N25SG Specifications

Manufacturer Part Number SIT9002AC-38N25SG Manufacturer SiTIME Category Crystals, Oscillators, Resonators Programmable Oscillators Package 6-SMD, No Lead Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Standby Output CML Voltage - Supply 2.5V Frequency Stability 2.5V Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-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 Package 6-SMD, No Lead Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Standby Output CML Voltage - Supply 2.5V Frequency Stability 2.5ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-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	SIT9002AC-38N25SG
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Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Standby Output CML Voltage - Supply 2.5V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)		Programmable Oscillators
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Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Standby Output CML Voltage - Supply 2.5V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.00000000000000000000000000000000000	Series	SiT9002
Available Frequency Range Function Standby Output CML Voltage - Supply 2.5V Frequency Stability Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) S1mA Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height	Туре	MEMS (Silicon)
Function Standby Output CML Voltage - Supply 2.5 V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.009" (1.00mm)	Programmable Type	Programmed as Request
Output CML Voltage - Supply 2.5V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.009" (1.00mm)	Available Frequency Range	1MHz ~ 220MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) S1mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height	Function	Standby
Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth £1.00%, Center Spread Current - Supply (Max) SimA Ratings - Mounting Type Surface Mount Package / Case Size / Dimension O.276" L x 0.197" W (7.00mm x 5.00mm) Height £25ppm - ### 25ppm - 0.039" (1.00mm)	Output	CML
Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) S1mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Voltage - Supply	2.5V
Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Spread Spectrum Bandwidth $\pm 1.00\%$, Center SpreadCurrent - Supply (Max) 51mA Ratings-Mounting TypeSurface MountPackage / Case 6-SMD , No LeadSize / Dimension $0.276^{\circ}\text{L x } 0.197^{\circ}\text{W } (7.00\text{mm x } 5.00\text{mm})$ Height 0.039° (1.00mm)	Frequency Stability	±25ppm
Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Frequency Stability (Total)	-
Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Operating Temperature	-20°C ~ 70°C
Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Spread Spectrum Bandwidth	±1.00%, Center Spread
Mounting Type Surface Mount Package / Case 6-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)	51mA
Package / Case 6-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	6-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?

SIT9002AC-38N25SG 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.

SIT9002AC-38N25SG Payment Methods



















SIT9002AC-38N25SG Shipping Methods













If you have any question about SIT9002AC-38N25SG, please do not hesitate to contact us!

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