



SIT9002AI-33N25ST Information



For Reference Only

Part Number SIT9002AI-33N25ST

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG CML 2.5V STBY 50PPM 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



Request a Quote

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.









SIT9002AI-33N25ST Specifications

Manufacturer Part Number SITIME Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiTO002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Standby Output CML Voltage - Supply ±50ppm Frequency Stability ±50ppm Frequency Stability (Total) - Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)		
Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range IMHz ~ 220MHz Function Standby Output CML Voltage - Supply 2.5V Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Manufacturer Part Number	SIT9002AI-33N25ST
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 ±50pm Frequency Stability ±50ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Manufacturer	SiTIME
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 ±50ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Category	Crystals, Oscillators, Resonators
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 ±50ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)		Programmable Oscillators
Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Standby Output CML Voltage - Supply 2.5V Frequency Stability + ±50ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Package	6-SMD, No Lead
Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Standby Output CML Voltage - Supply 2.5V Frequency Stability ±50ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.00000000000000000000000000000000000	Series	SiT9002
Available Frequency Range Function Standby Output CML Voltage - Supply 2.5V Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) Standby Find Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.031" (0.79mm)	Туре	MEMS (Silicon)
Function Standby Output CML Voltage - Supply 2.5V Frequency Stability ±50ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.031" (0.79mm)	Programmable Type	Programmed as Request
Output CML Voltage - Supply 2.5V Frequency Stability ±50ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.001" (0.79mm)	Available Frequency Range	1MHz ~ 220MHz
Voltage - Supply 2.5V Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) S1mA Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Function	Standby
Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) StimA Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.031" (0.79mm)	Output	CML
Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) S1mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height -40°C ~ 85°C -2.00%, Down Spread -2.00%	Voltage - Supply	2.5V
Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Frequency Stability	±50ppm
Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) 51mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Frequency Stability (Total)	-
Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Operating Temperature	-40°C ~ 85°C
Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Spread Spectrum Bandwidth	-2.00%, Down Spread
Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Current - Supply (Max)	51mA
Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Ratings	-
Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Mounting Type	Surface Mount
Height 0.031" (0.79mm)	Package / Case	6-SMD, No Lead
	Size / Dimension	0.197" L x 0.126" W (5.00mm x 3.20mm)
Report errors?	Height	0.031" (0.79mm)
		Report errors?

SIT9002AI-33N25ST 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.

SIT9002AI-33N25ST Payment Methods



















SIT9002AI-33N25ST Shipping Methods













If you have any question about SIT9002AI-33N25ST, please do not hesitate to contact us!

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