



SIT9002AC-23N25ED Information



For Reference Only

Part Number SIT9002AC-23N25ED

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVDS 2.5V EN/DS 25PPM

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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Certified Quality

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SIT9002AC-23N25ED Specifications

Manufacturer Part Number SITOO2AC-23N25ED Manufacturer SITIME Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiT9002 Type MEMS (Silicon) Programmable Type MEMS (Silicon) Programmed as Request Available Frequency Range Available Frequency Range IMHz ~ 220MHz Function Enable/Disable Output LVDS Voltage - Supply 2.5V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±0.50%, Center Spread Current - Supply (Max) 77mA 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 Programmable Oscillators Package 6-SMD, No Lead Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range IMHz ~ 220MHz Function Enable/Disable Output LVDS Voltage - Supply 2.5V Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±0.50%, Center Spread Current - Supply (Max) 77mA Ratings - Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.0011	Manufacturer Part Number	SIT9002AC-23N25ED
Package 6-SMD, No Lead Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable Output LVDS Voltage - Supply 2.5V Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±0.50%, Center Spread Current - Supply (Max) 77mA 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
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Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable Output LVDS Voltage - Supply 2.5V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±0.50%, Center Spread Current - Supply (Max) 77mA 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
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Programmable Type Available Frequency Range IMHz ~ 220MHz Function Enable/Disable Output LVDS Voltage - Supply 2.5V Frequency Stability Frequency Stability (Total)	Series	SiT9002
Available Frequency Range Function Enable/Disable Output LVDS Voltage - Supply 2.5V Frequency Stability +25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±0.50%, Center Spread Current - Supply (Max) 77mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.031" (0.79mm) Height	Туре	MEMS (Silicon)
Function Enable/Disable Output LVDS Voltage - Supply 2.5V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±0.50%, Center Spread Current - Supply (Max) 77mA 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)	Programmable Type	Programmed as Request
Output LVDS Voltage - Supply 2.5V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±0.50%, Center Spread Current - Supply (Max) 77mA 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)	Available Frequency Range	1MHz ~ 220MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±0.50%, Center Spread Current - Supply (Max) 77mA 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)	Function	Enable/Disable
Frequency Stability (Total) - Coperating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Height +25ppm - 20°C ~ 70°C -20°C ~ 70°C	Output	LVDS
Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±0.50%, Center Spread 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	Voltage - Supply	2.5V
Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Spread Spectrum Bandwidth $\pm 0.50\%$, Center SpreadCurrent - Supply (Max) 77mA Ratings-Mounting TypeSurface MountPackage / Case 6-SMD , No LeadSize / Dimension 0.197 " L x 0.126 " W $(5.00\text{mm x } 3.20\text{mm})$ Height 0.031 " (0.79mm)	Frequency Stability	±25ppm
Spread Spectrum Bandwidth ±0.50%, Center Spread Current - Supply (Max) 77mA 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	-20°C ~ 70°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	±0.50%, Center 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)	77mA
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?

SIT9002AC-23N25ED 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-23N25ED Payment Methods



















SIT9002AC-23N25ED Shipping Methods













If you have any question about SIT9002AC-23N25ED, please do not hesitate to contact us!

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