



SIT9003AI-8-33EB Information



For Reference Only

Part Number SIT9003AI-8-33EB

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 3.3V EN/DS 50PPM

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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SIT9003AI-8-33EB Specifications

Category Crystals, Oscillators, Resonators Programmable Oscillators Package 4-SMD, No Lead Series SiT9003 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth ±0.25%, Center Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)		
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Series SiT9003 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth ±0.25%, Center Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.00000000000000000000000000000000000		Programmable Oscillators
Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth ±0.25%, Center Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Package	4-SMD, No Lead
Programmable Type Available Frequency Range IMHz ~ 110MHz Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth ±0.25%, Center Spread Current - Supply (Max) AtlmA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.039" (1.00mm) Programmed as Request IMHz ~ 110MHz Frequency Enable/Disable LVCMOS, LVTTL 2.33V Frequency Stability +50ppm +100ppm -40°C ~ 85°C Center Spread -40°C ~ 85°C Spread Spectrum Bandwidth -40°C ~ 85°C Spread Spectrum Bandwidth -40°C ~ 85°C Spread Spectrum Spread -40°C ~ 85°C Spread Spectrum Spread -40°C ~ 85°C Spread Spectrum Spread -40°C ~ 85°C Spread Sprea	Series	SiT9003
Available Frequency Range IMHz ~ 110MHz Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth ±0.25%, Center Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height	Туре	MEMS (Silicon)
Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth ±0.25%, Center Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.0000 1.00000 1.000000 1.000000000000	Programmable Type	Programmed as Request
Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability ±50ppm Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth ±0.25%, Center Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Available Frequency Range	1MHz ~ 110MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Operating Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Height 3.3V 3.3V \$ \$50ppm \$±50ppm \$±00ppm -40°C ~ 85°C \$\$50c \$40°C ~ 85°C \$50c \$5	Function	Enable/Disable
Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth ±0.25%, Center Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Output	LVCMOS, LVTTL
Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth ±0.25%, Center Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Voltage - Supply	3.3V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Spread Spectrum Bandwidth $\pm 0.25\%$, Center Spread Current - Supply (Max) 4.1mA Ratings $-$ Mounting Type Surface Mount Package / Case $4-\text{SMD}$, No Lead Size / 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	±50ppm
Spread Spectrum Bandwidth ±0.25%, Center Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-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)	±50ppm, ±100ppm
Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Operating Temperature	-40°C ~ 85°C
Ratings - Mounting Type Surface Mount Package / Case 4-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	±0.25%, Center Spread
Mounting Type Surface Mount Package / Case 4-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)	4.1mA
Package / Case 4-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	4-SMD, No Lead
	Size / Dimension	0.276" L x 0.197" W (7.00mm x 5.00mm)
	Height	0.039" (1.00mm)
Report errors?		Report errors?

SIT9003AI-8-33EB 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.

SIT9003AI-8-33EB Payment Methods



















SIT9003AI-8-33EB Shipping Methods













If you have any question about SIT9003AI-8-33EB, please do not hesitate to contact us!

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