



#### SIT9003AC-1-25EO Information



For Reference Only

Part Number SIT9003AC-1-25EO

**Manufacturer** SiTIME

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG LVCMOS 2.5V 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



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.









## SIT9003AC-1-25EO Specifications

Manufacturer Part Number         SIT9003AC-1-25EO           Manufacturer         SiTIME           Category         Crystals, Oscillators, Resonators           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         2.5V           Frequency Stability         ±50ppm           Frequency Stability (Total)         ±50ppm, ±100ppm           Operating Temperature         2.0°C ~ 70°C           Spread Spectrum Bandwidth         -0.59%, Down Spread           Current - Supply (Max)         4.1mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.098" L x 0.079" W (2.50mm x 2.00mm)           Height         0.031" (0.79mm)		
Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         SiT9003           Type         MEMS (Silicon)           Programmable Type         Programmed as Request           Available Frequency Range         IMHz ~ 110MHz           Function         Enable/Disable           Output         LVCMOS, LVTTL           Voltage - Supply         ±50ppm           Frequency Stability (Total)         ±50ppm, ±100ppm           Operating Temperature         -20°C ~ 70°C           Spread Spectrum Bandwidth         -0.50%, Down Spread           Current - Supply (Max)         4.1mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.098" L x 0.079" W (2.50mm x 2.00mm)           Height         0.031" (0.79mm)	Manufacturer Part Number	SIT9003AC-1-25EO
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TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 110MHzFunctionEnable/DisableOutputLVCMOS, LVTTLVoltage - Supply2.5VFrequency Stability±50ppmFrequency Stability (Total)±50ppm, ±100ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-0.50%, Down SpreadCurrent - Supply (Max)4.1mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.098" L x 0.079" W (2.50mm x 2.00mm)Height0.031" (0.79mm)	Package	4-SMD, No Lead
Programmable Type Programmed as Request  Available Frequency Range 1MHz ~ 110MHz  Function Enable/Disable  Output LVCMOS, LVTTL  Voltage - Supply 2.5V  Frequency Stability ±50ppm  Frequency Stability (Total) ±50ppm, ±100ppm  Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth -0.50%, Down Spread  Current - Supply (Max) 4.1mA  Ratings	Series	SiT9003
Available Frequency Range  IMHz ~ 110MHz  Enable/Disable  Output  LVCMOS, LVTTL  Voltage - Supply  2.5V  Frequency Stability  #50ppm  Frequency Stability (Total)  Operating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  -0.50%, Down Spread  Current - Supply (Max)  4.1mA  Ratings  -  Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  0.098" L x 0.079" W (2.50mm x 2.00mm)  Height	Туре	MEMS (Silicon)
Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability ±50ppm Frequency Stability (Total) ±50ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm)	Programmable Type	Programmed as Request
Output LVCMOS, LVTTL  Voltage - Supply 2.5V  Frequency Stability ±50ppm  Frequency Stability (Total) ±50ppm, ±100ppm  Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth -0.50%, Down Spread  Current - Supply (Max) 4.1mA  Ratings -  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm)  Height 0.031" (0.79mm)	Available Frequency Range	1MHz ~ 110MHz
Voltage - Supply  Frequency Stability  Frequency Stability (Total)  Deprating Temperature  Spread Spectrum Bandwidth  -0.50%, Down Spread  Current - Supply (Max)  A.1mA  Ratings  -  Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  Height  2.5V  2.5V  2.5V  2.5V  2.5V  4-SOPPM  4-SOPPM  5-W  5-W  6-W  6-W  6-W  7-W  8-W  8-W  8-W  9-W  9-W  9-W  9-W  9	Function	Enable/Disable
Frequency Stability (Total) ±50ppm, ±100ppm  Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth -0.50%, Down Spread  Current - Supply (Max) 4.1mA  Ratings -  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm)  Height 0.031" (0.79mm)	Output	LVCMOS, LVTTL
Frequency Stability (Total) $\pm 50$ ppm, $\pm 100$ ppm  Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Spread Spectrum Bandwidth $-0.50\%$ , Down Spread  Current - Supply (Max) $4.1\text{mA}$ Ratings $-$ Mounting Type Surface Mount  Package / Case $4-\text{SMD}$ , No Lead  Size / Dimension $0.098$ " L x $0.079$ " W (2.50mm x 2.00mm)  Height $0.031$ " (0.79mm)	Voltage - Supply	2.5V
Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm)	Frequency Stability	±50ppm
Spread Spectrum Bandwidth -0.50%, Down Spread  Current - Supply (Max) 4.1mA  Ratings -  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm)  Height 0.031" (0.79mm)	Frequency Stability (Total)	±50ppm, ±100ppm
Current - Supply (Max)       4.1mA         Ratings       -         Mounting Type       Surface Mount         Package / Case       4-SMD, No Lead         Size / Dimension       0.098" L x 0.079" W (2.50mm x 2.00mm)         Height       0.031" (0.79mm)	Operating Temperature	-20°C ~ 70°C
Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm)	Spread Spectrum Bandwidth	-0.50%, Down Spread
Mounting Type Surface Mount  Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm)  Height 0.031" (0.79mm)	Current - Supply (Max)	4.1mA
Package / Case 4-SMD, No Lead Size / Dimension 0.098" L x 0.079" W (2.50mm x 2.00mm) Height 0.031" (0.79mm)	Ratings	-
Size / Dimension       0.098" L x 0.079" W (2.50mm x 2.00mm)         Height       0.031" (0.79mm)	Mounting Type	Surface Mount
Height 0.031" (0.79mm)	Package / Case	4-SMD, No Lead
-	Size / Dimension	0.098" L x 0.079" W (2.50mm x 2.00mm)
Report errors?	Height	0.031" (0.79mm)
		Report errors?

#### SIT9003AC-1-25EO 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.

### SIT9003AC-1-25EO Payment Methods



















### SIT9003AC-1-25EO Shipping Methods













If you have any question about SIT9003AC-1-25EO, please do not hesitate to contact us!

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