



### SIT9003AC-8-18SO Information



For Reference Only

Part Number SIT9003AC-8-18SO

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG LVCMOS 1.8V STBY 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**

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-8-18SO Specifications

Manufacturer Part Number         STT9003AC-8-18SO           Manufacturer         STIME           Category         Crystals, Oscillators, Resonators           Programmable Oscillators         Programmable Oscillators           Package         4-SMD, No Lead           Series         SiT9003           Type         MEMS (Silicon)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 110MHz           Function         Standby           Output         LVCMOS, LVTTL           Voltage - Supply         1.8V           Frequency Stability         ±50ppm           Frequency Stability (Total)         ±50ppm           Operating Temperature         ±0°C ~ 70°C           Spread Spectrum Bandwidth         -0.50%, Down Spread           Current - Supply (Max)         3.5mA           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)		
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         Standby           Output         LVCMOS, LVTTL           Voltage - Supply         1.8V           Frequency Stability (Total)         ±50ppm           Frequency Stability (Total)         ±50ppm, ±100ppm           Operating Temperature         -20°C ~ 70°C           Spread Spectrum Bandwidth         -0.50%, Down Spread           Current - Supply (Max)         3.5mA           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)	Manufacturer Part Number	SIT9003AC-8-18SO
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Programmable Type Programmed as Request  Available Frequency Range 1MHz ~ 110MHz  Function Standby  Output LVCMOS, LVTTL  Voltage - Supply 1.8V  Frequency Stability ±50ppm  Frequency Stability (Total) ±50ppm, ±100ppm  Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth -0.50%, Down Spread  Current - Supply (Max) 3.5mA  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	Series	SiT9003
Available Frequency Range  Function  Standby  Output  LVCMOS, LVTTL  Voltage - Supply  1.8V  Frequency Stability  Frequency Stability (Total)  Operating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  -0.50%, Down Spread  Current - Supply (Max)  3.5mA  Ratings  -  Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  0.039" (1.00mm)  Height	Туре	MEMS (Silicon)
Function Standby Output LVCMOS, LVTTL Voltage - Supply 1.8V Frequency Stability ±50ppm Frequency Stability (Total) ±50ppm, ±100ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 3.5mA 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 0.009" (1.00mm)	Programmable Type	Programmed as Request
Output LVCMOS, LVTTL  Voltage - Supply 1.8V  Frequency Stability ±50ppm  Frequency Stability (Total) ±50ppm, ±100ppm  Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth -0.50%, Down Spread  Current - Supply (Max) 3.5mA  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  -20°C ~ 70°C  Spread Spectrum Bandwidth  -0.50%, Down Spread  Current - Supply (Max)  3.5mA  Ratings  -  Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  Height  1.8V  ±50ppm  ±50ppm  ±00ppm  -20°C ~ 70°C  Spread Spectrum Bandwidth  -0.50%, Down Spread  -0.50%, Dow	Function	Standby
Frequency Stability (Total) ±50ppm, ±100ppm  Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth -0.50%, Down Spread  Current - Supply (Max) 3.5mA  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 +50ppm  ±50ppm  ±50ppm  ±50ppm, ±100ppm  -20°C ~ 70°C  Syread Spectrum Bandwidth  -0.50%, Down Spread  5.5mA	Output	LVCMOS, LVTTL
Frequency Stability (Total)  50ppm, ±100ppm  -20°C ~ 70°C  Spread Spectrum Bandwidth  -0.50%, Down Spread  Current - Supply (Max)  3.5mA  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	1.8V
Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 3.5mA 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	±50ppm
Spread Spectrum Bandwidth -0.50%, Down Spread  Current - Supply (Max) 3.5mA  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)  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	-20°C ~ 70°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	-0.50%, Down 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)	3.5mA
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)
Report errors?	Height	0.039" (1.00mm)
		Report errors?

### SIT9003AC-8-18SO 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-8-18SO Payment Methods



















## SIT9003AC-8-18SO Shipping Methods













If you have any question about SIT9003AC-8-18SO, please do not hesitate to contact us!

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