



### SIT8208AI-2-18S Information



For Reference Only

Part Number SIT8208AI-2-18S

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG LVCMOS 1.8V STBY 20PPM

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.









## SIT8208AI-2-18S Specifications

Manufacturer Part Number         SIT8208A1-2-18S           Manufacturer         SiTIME           Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         SiT8208           Type         MEMS (Silicon)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 80MHz           Function         Standby           Output         LVCMOS, LVTTL           Voltage - Supply         1.8V           Frequency Stability         ±20ppm           Frequency Stability (Total)         -           Operating Temperature         40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         31mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height         0.031" (0.79mm)		
Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         SiT8208           Type         MEMS (Silicon)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 80MHz           Function         Standby           Output         LVCMOS, LVTTL           Voltage - Supply         1.8V           Frequency Stability (Total)         -           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         31mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height         0.031" (0.79mm)	Manufacturer Part Number	SIT8208AI-2-18S
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Function Standby Output LVCMOS, LVTTL  Voltage - Supply 1.8V Frequency Stability ±20ppm  Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max) 31mA  Ratings - Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.031" (0.79mm)	Programmable Type	Programmed as Request
Output LVCMOS, LVTTL  Voltage - Supply 1.8V  Frequency Stability ±20ppm  Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max) 31mA  Ratings - Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.0126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.001" (0.79mm)	Available Frequency Range	1MHz ~ 80MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Supply (Max) Frequency Stability (Max) Surface Mount Frequency Stability (Total)  - 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Surface Mount Surface Mount Frequency Stability (Total)  - Wounting Type Surface Mount Frequency Stability (Total)  Surface Mount Frequency Stability Fr	Function	Standby
Frequency Stability (Total)	Output	LVCMOS, LVTTL
Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  0.126" L x 0.098" W (3.20mm x 2.50mm)  Height	Voltage - Supply	1.8V
Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max)  Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.031" (0.79mm)	Frequency Stability	±20ppm
Spread Spectrum Bandwidth  Current - Supply (Max)  Ratings  - Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.031" (0.79mm)	Frequency Stability (Total)	-
Current - Supply (Max)  Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Operating Temperature	-40°C ~ 85°C
Ratings - Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.031" (0.79mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount  Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.031" (0.79mm)	Current - Supply (Max)	31mA
Package / Case       4-SMD, No Lead         Size / Dimension       0.126" L x 0.098" W (3.20mm x 2.50mm)         Height       0.031" (0.79mm)	Ratings	-
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Height 0.031" (0.79mm)	Package / Case	4-SMD, No Lead
-	Size / Dimension	0.126" L x 0.098" W (3.20mm x 2.50mm)
Report errors?	Height	0.031" (0.79mm)
		Report errors?

#### SIT8208AI-2-18S 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.

### SIT8208AI-2-18S Payment Methods



















### SIT8208AI-2-18S Shipping Methods













If you have any question about SIT8208AI-2-18S, please do not hesitate to contact us!

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