



## SIT8008BCE1-18S Information



For Reference Only

Part Number SIT8008BCE1-18S

**Manufacturer** SiTIME

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

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

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.









## SIT8008BCE1-18S Specifications

Manufacturer Part Number         SIT8008BCEI-18S           Manufacturer         SiTIME           Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         SiT8008B           Type         MEMS (Silicon)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 110MHz           Function         Standby           Output         LVCMOS           Voltage - Supply         1.8V           Frequency Stability         -           Frequency Stability (Total)         ±20ppm, ±25ppm, ±50ppm           Operating Temperature         -20°C ~ 70°C           Spread Spectrum Bandwidth         -           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         SiT8008B           Type         MEMS (Silicon)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 110MHz           Function         Standby           Output         LVCMOS           Voltage - Supply         1.8V           Frequency Stability         -           Frequency Stability (Total)         ±20ppm, ±25ppm, ±50ppm           Operating Temperature         -20°C ~ 70°C           Spread Spectrum Bandwidth         -           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	SIT8008BCE1-18S
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Function Standby Output LVCMOS  Voltage - Supply 1.8V  Frequency Stability Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth - Current - Supply (Max) 4.1mA  Ratings - 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  Voltage - Supply 1.8V  Frequency Stability - Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm  Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth - 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)  Operating Temperature  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  Mounting Type  Surface Mount  Package / Case  Size / Dimension  Height  1.8V  1.8	Function	Standby
Frequency Stability (Total)  Frequency Stability (Total)  Departing Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  Current - Supply (Max)  Ratings  -  Mounting Type  Surface Mount  Package / Case  Size / Dimension  D.098" L x 0.079" W (2.50mm x 2.00mm)  Height  -  -  -  -  -  -  -  -  -  -  -  -  -	Output	LVCMOS
Frequency Stability (Total) $\pm 20$ ppm, $\pm 25$ ppm, $\pm 50$ ppm  Operating Temperature $-20^{\circ}$ C $\sim 70^{\circ}$ C  Spread Spectrum Bandwidth $-$ Current - Supply (Max) $4.1$ mA  Ratings $-$ Mounting Type Surface Mount  Package / Case $4-$ SMD, No Lead  Size / Dimension $0.098^{\circ}$ L x $0.079^{\circ}$ W (2.50mm x 2.00mm)  Height $0.031^{\circ}$ (0.79mm)	Voltage - Supply	1.8V
Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - 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	-
Spread Spectrum Bandwidth  Current - Supply (Max)  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)	±20ppm, ±25ppm, ±50ppm
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	-
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	-
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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?

### SIT8008BCE1-18S 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.

## **SIT8008BCE1-18S Payment Methods**



















### SIT8008BCE1-18S Shipping Methods













If you have any question about SIT8008BCE1-18S, please do not hesitate to contact us!

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