



SIT8008BCL3-18S Information



For Reference Only

Part Number SIT8008BCL3-18S

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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SIT8008BCL3-18S Specifications

Manufacturer Part Number SIT8008BCL3-18S Manufacturer SiTIME Category Crystals, Oscillators, Resonators Programmable Oscillators Programmable Oscillators 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 2.0V Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm Operating Temperature 2.0°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.1mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)		
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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 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)		Programmable Oscillators
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Available Frequency Range Function Standby Output LVCMOS Voltage - Supply 1.8V Frequency Stability Frequency Stability (Total) Operating Temperature Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Output LVCMOS LVCMOS Standby 1.8V - 2.0°C ~ 70°C - 20°C	Туре	MEMS (Silicon)
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 0.031" (0.79mm)	Programmable Type	Programmed as Request
OutputLVCMOSVoltage - Supply1.8VFrequency Stability-Frequency Stability (Total)±20ppm, ±25ppm, ±50ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.1mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (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) At 1mA Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Dimension Dimension - 0.031" (0.79mm)	Output	LVCMOS
Frequency Stability (Total) ± 20 ppm, ± 25 ppm, ± 50 ppm Operating Temperature -20° 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 $0.197''$ L x $0.126''$ W (5.00mm x 3.20mm) Height $0.031''$ (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 0.197" L x 0.126" W (5.00mm x 3.20mm) 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 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Frequency Stability (Total)	±20ppm, ±25ppm, ±50ppm
Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Operating Temperature	-20°C ~ 70°C
Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Current - Supply (Max)	4.1mA
Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Ratings	-
Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Mounting Type	Surface Mount
Height 0.031" (0.79mm)	Package / Case	4-SMD, No Lead
	Size / Dimension	0.197" L x 0.126" W (5.00mm x 3.20mm)
Report errors?	Height	0.031" (0.79mm)
		Report errors?

SIT8008BCL3-18S 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.

SIT8008BCL3-18S Payment Methods



















SIT8008BCL3-18S Shipping Methods













If you have any question about SIT8008BCL3-18S, please do not hesitate to contact us!

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