



SIT1602BCE3-18S Information



For Reference Only

Part Number SIT1602BCE3-18S

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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SIT1602BCE3-18S Specifications

Manufacturer Part Number STT1602BCE3-18S Manufacturer SiTIME Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series SiT1602 Type MEMS (Silicon) Programmable Type MEMS (Silicon) Available Frequency Range 3.57MHz ~ 77.76MHz Function Standby (Power Down) 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)		
CategoryCrystals, Oscillators, ResonatorsPackage4-SMD, No LeadSeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.57MHz ~ 77.76MHzFunctionStandby (Power Down)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)	Manufacturer Part Number	
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Programmable Type Available Frequency Range 3.57MHz ~ 77.76MHz Function Standby (Power Down) Output LVCMOS Voltage - Supply 1.8V Frequency Stability	Series	SiT1602
Available Frequency Range 3.57MHz ~ 77.76MHz Function Standby (Power Down) Output LVCMOS Voltage - Supply 1.8V Frequency Stability	Туре	MEMS (Silicon)
Function Output LVCMOS Voltage - Supply 1.8V Frequency Stability - Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Height Supply (Max) LVCMOS 1.8V	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 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Available Frequency Range	3.57MHz ~ 77.76MHz
Voltage - Supply 1.8V Frequency Stability	Function	Standby (Power Down)
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 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height - 1.20°C ~ 70°C -20°C ~ 70°C -20°	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 $(5.00$ mm x 3.20 mm) Height $0.031''$ $(0.79$ mm)	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
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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?

SIT1602BCE3-18S 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.

SIT1602BCE3-18S Payment Methods



















SIT1602BCE3-18S Shipping Methods













If you have any question about SIT1602BCE3-18S, please do not hesitate to contact us!

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