



SIT1602BCE2-28S Information



For Reference Only

Part Number SIT1602BCE2-28S

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 2.8V 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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SIT1602BCE2-28S Specifications

Manufacturer Part Number STT1602BCE2-28S 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 2.8V Frequency Stability - Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA 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)		
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SeriesSiT1602TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.57MHz ~ 77.76MHzFunctionStandby (Power Down)OutputLVCMOSVoltage - Supply2.8VFrequency Stability-Frequency Stability (Total)±20ppm, ±25ppm, ±50ppmOperating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)4.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)		Programmable Oscillators
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Programmable Type Available Frequency Range 3.57MHz ~ 77.76MHz Function Standby (Power Down) Output LVCMOS Voltage - Supply 2.8V Frequency Stability - Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.031" (0.79mm)	Series	SiT1602
Available Frequency Range 3.57MHz ~ 77.76MHz Function Standby (Power Down) Output LVCMOS Voltage - Supply 2.8V Frequency Stability	Type	MEMS (Silicon)
Function Output LVCMOS Voltage - Supply 2.8V Frequency Stability - Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.031" (0.79mm) LVCMOS 2.8V	Programmable Type	Programmed as Request
Output LVCMOS Voltage - Supply 2.8V Frequency Stability - Frequency Stability (Total) ±20ppm, ±25ppm, ±50ppm Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA 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)	Available Frequency Range	3.57MHz ~ 77.76MHz
Voltage - Supply 2.8V 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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height - - - - - - - - - - - - -	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) 4.5 mA Ratings $-$ Mounting Type Surface Mount Package / Case $4-$ SMD, No Lead Size / Dimension 0.126° L x 0.098° W $(3.20$ mm x 2.50 mm) Height 0.031° $(0.79$ mm)	Voltage - Supply	2.8V
Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA 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	-
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)	±20ppm, ±25ppm, ±50ppm
Current - Supply (Max) 4.5mA 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	-20°C ~ 70°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)	4.5mA
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	-
Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.79mm)	Mounting Type	Surface Mount
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?

SIT1602BCE2-28S 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.

SIT1602BCE2-28S Payment Methods





















SIT1602BCE2-28S Shipping Methods













If you have any question about SIT1602BCE2-28S, please do not hesitate to contact us!

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