



SIT1602BCR7-28E Information

Heisener.com

Part Number SIT1602BCR7-28E

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 2.8V EN/DS SMD

Package 4-SMD, No Lead

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com

E-mail: salesdept@heisener.com



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Certified Quality

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SIT1602BCR7-28E Specifications

Manufacturer Part Number SIT1602BCR7-28E Manufacturer SiTIME Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series SiT1602 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 3.57MHz ~ 77.76MHz Function Enable/Disable Output LVCMOS Voltage - Supply 2.8V Frequency Stability 2.8V 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 0.079" L x 0.063" W (2.00mm x 1.60mm) Height 0.031" (0.79mm)		
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Series SiT1602 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 3.57MHz ~ 77.76MHz Function Enable/Disable 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 0.079" L x 0.063" W (2.00mm x 1.60mm) Height 0.031" (0.79mm)		Programmable Oscillators
TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range3.57MHz ~ 77.76MHzFunctionEnable/DisableOutputLVCMOSVoltage - 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 / Dimension0.079" L x 0.063" W (2.00mm x 1.60mm)Height0.031" (0.79mm)	Package	4-SMD, No Lead
Programmable Type Programmed as Request Available Frequency Range 3.57MHz ~ 77.76MHz Function Enable/Disable 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 0.079" L x 0.063" W (2.00mm x 1.60mm) Height 0.00000000000000000000000000000000000	Series	SiT1602
Available Frequency Range Function Enable/Disable 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 Size / Dimension 0.031" (0.79mm) Enable/Disable Enable/Disable Enable/Disable Enable/Disable Enable/Disable Enable/Disable Enable/Disable 1.4 Enable/Disable Enable/Disable Enable/Disable Enable/Disable Enable/Disable 1.4 Enable/Disable 2.8 Enable/Disable 2.8 Enable/Disable 2.8 Enable/Disable 2.8 Enable/Disable 2.8 Enable/Disable 2.8 Enable/Disable 2.4	Туре	MEMS (Silicon)
Function Enable/Disable 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 - Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.031" (0.79mm)	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 0.031" (0.79mm)	Available Frequency Range	3.57MHz ~ 77.76MHz
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 2.8V 2.8V 2.8V 2.8V 4.5W 5.0P 4.50ppm, ±25ppm, ±50ppm -20°C ~ 70°C 5.0P 4.5mA 5.0P 5.0P 5.0P 6.0P 6.0P	Function	Enable/Disable
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 0.079" L x 0.063" W (2.00mm x 1.60mm) Height 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) 4.5 mA Ratings $-$ Mounting Type Surface Mount Package / Case $4-$ SMD, No Lead Size / Dimension 0.079° L x 0.063° W (2.00 mm x 1.60 mm) Height 0.031° (0.79 mm)	Voltage - Supply	2.8V
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 0.079" L x 0.063" W (2.00mm x 1.60mm) 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 0.079" L x 0.063" W (2.00mm x 1.60mm) 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 0.079" L x 0.063" W (2.00mm x 1.60mm) Height 0.031" (0.79mm)	Operating Temperature	-20°C ~ 70°C
Ratings Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height 0.031" (0.79mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height 0.031" (0.79mm)	Current - Supply (Max)	4.5mA
Package / Case 4-SMD, No Lead Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height 0.031" (0.79mm)	Ratings	-
Size / Dimension 0.079" L x 0.063" W (2.00mm x 1.60mm) Height 0.031" (0.79mm)	Mounting Type	Surface Mount
Height 0.031" (0.79mm)	Package / Case	4-SMD, No Lead
-	Size / Dimension	0.079" L x 0.063" W (2.00mm x 1.60mm)
Report errors?	Height	0.031" (0.79mm)
		Report errors?

SIT1602BCR7-28E 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.

SIT1602BCR7-28E Payment Methods





















SIT1602BCR7-28E Shipping Methods













If you have any question about SIT1602BCR7-28E, please do not hesitate to contact us!

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