



SIT1602ACR2-28S Information



For Reference Only

Part Number SIT1602ACR2-28S

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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STT1602A	CD2-288	Specifications
51110UZA	CK2-205	Specifications

Manufacturer Part Number SIT1602ACR2-28S Manufacturer SiTIME Category Crystals, Oscillators, Resonators Programmable Oscillators Programmable Oscillators Package 4-SMD, No Lead Series SiT1602 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 3.75MHz ~ 77.76MHz Function Standby Output HCMOS, 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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Series SiT1602 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 3.75MHz ~ 77.76MHz Function Standby Output HCMOS, 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)		Programmable Oscillators	
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Available Frequency Range 3.75MHz ~ 77.76MHz Function Standby Output HCMOS, LVCMOS Voltage - Supply 2.8V Frequency Stability	Туре	MEMS (Silicon)	
Function Standby Output HCMOS, 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 HCMOS, 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 0.0031" (0.79mm)	Available Frequency Range	3.75MHz ~ 77.76MHz	
Voltage - Supply 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 Height 2.8V - 2.9 - 2.9 - 2.9 - 2.9 - 2.9 - 2.9 - 2.9 - 2.9 - 2.8 - 2.8 - 3.1 - 3.2 -	Function	Standby	
Frequency Stability (Total) Frequency Stability (Total) Departing Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Autings - Mounting Type Surface Mount Package / Case Size / Dimension Description: Outer of the supply (Max) Autings - Mounting Type Surface Mount 1- 1- 1- 1- 1- 1- 1- 1- 1- 1	Output	HCMOS, 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) 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 (Total)	±20ppm, ±25ppm, ±50ppm	
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)	Operating Temperature	-20°C ~ 70°C	
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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?	

SIT1602ACR2-28S 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.

SIT1602ACR2-28S Payment Methods



















SIT1602ACR2-28S Shipping Methods













If you have any question about SIT1602ACR2-28S, please do not hesitate to contact us!

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