



#### SIT8008ACR7-28S Information



For Reference Only

Part Number SIT8008ACR7-28S

**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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# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## SIT8008ACR7-28S Specifications

Series SiT8008 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 110MHz Function Standby Output HCMOS, LVCMOS  Voltage - Supply 2.8V Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.5mA		
Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         SiT8008           Type         MEMS (Silicon)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 110MHz           Function         Standby           Output         HCMOS, LVCMOS           Voltage - Supply         2.8V           Frequency Stability (Total)         -           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)	Manufacturer Part Number	SIT8008ACR7-28S
Package         4-SMD, No Lead           Series         SiT8008           Type         MEMS (Silicon)           Programmable Type         Programmed as Request           Available Frequency Range         IMHz ~ 110MHz           Function         Standby           Output         HCMOS, LVCMOS           Voltage - Supply         ±20pm           Frequency Stability (Total)         -           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)	Manufacturer	SiTIME
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Available Frequency Range  IMHz ~ 110MHz  Function  Standby  Output  HCMOS, LVCMOS  Voltage - Supply  2.8V  Frequency Stability  † 20ppm  Frequency Stability (Total)  - Operating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Asimgs  - Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  0.031" (0.79mm)	Туре	MEMS (Silicon)
Function Standby Output HCMOS, LVCMOS  Voltage - Supply 2.8V  Frequency Stability ±20ppm  Frequency Stability (Total) - 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)	Programmable Type	Programmed as Request
Output HCMOS, LVCMOS  Voltage - Supply 2.8V  Frequency Stability ±20ppm  Frequency Stability (Total) - 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	1MHz ~ 110MHz
Voltage - Supply  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)	Function	Standby
Frequency Stability (Total)  Operating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  Size / Dimension  0.079" L x 0.063" W (2.00mm x 1.60mm)  Height  +20ppm  -20°C ~ 70°C  -20°C	Output	HCMOS, LVCMOS
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  0.079" L x 0.063" W (2.00mm x 1.60mm)  Height  -20°C ~ 70°C  -20°C ~ 70°	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	±20ppm
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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?

#### SIT8008ACR7-28S 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.

### SIT8008ACR7-28S Payment Methods



















### SIT8008ACR7-28S Shipping Methods













If you have any question about SIT8008ACR7-28S, please do not hesitate to contact us!

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