



#### SIT3808AI-C-28NY Information



For Reference Only

Part Number SIT3808AI-C-28NY

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG LVCMOS 2.8V 10PPM SMD

Package 6-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.









## SIT3808AI-C-28NY Specifications

Manufacturer Part Number         SIT3808AI-C-28NY           Manufacturer         SiTIME           Category         Crystals, Oscillators, Resonators           Programmable Oscillators           Package         6-SMD, No Lead           Series         SiT3808           Type         MEMS VCXO           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 80MHz           Function         -           Output         LVCMOS, LVTTL           Voltage - Supply         ±10ppm           Frequency Stability         +10ppm           Frequency Stability (Total)         -           Operating Temperature         40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         33mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         6-SMD, No Lead           Size / Dimension         0.197" L x 0.126" W (5.00mm x 3.20mm)           Height         0.031" (0.79mm)		
Category         Crystals, Oscillators, Resonators           Package         6-SMD, No Lead           Series         SiT3808           Type         MEMS VCXO           Programmable Type         Programmed as Request           Available Frequency Range         IMHz ~ 80MHz           Function         -           Output         LVCMOS, LVTTL           Voltage - Supply         2.8V           Frequency Stability (Total)         -           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         33mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         6-SMD, No Lead           Size / Dimension         0.197" L x 0.126" W (5.00mm x 3.20mm)           Height         0.031" (0.79mm)	Manufacturer Part Number	SIT3808AI-C-28NY
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Type MEMS VCXO  Programmable Type Programmed as Request  Available Frequency Range 1MHz ~ 80MHz  Function -  Output LVCMOS, LVTTL  Voltage - Supply 2.8V  Frequency Stability + 10ppm  Frequency Stability (Total) -  Operating Temperature 40°C ~ 85°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 33mA  Ratings -  Mounting Type Surface Mount  Package / Case 6-SMD, No Lead  Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)  Height 0.031" (0.79mm)	Package	6-SMD, No Lead
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Available Frequency Range  Function  Output  LVCMOS, LVTTL  Voltage - Supply  2.8V  Frequency Stability  Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  6-SMD, No Lead  Size / Dimension  1.079mm)  Height  LVCMOS, LVTTL  -  CUCMOS, LVTTL  -  SurV  -  SurV  -  40°C ~ 85°C  -  Sore  -  40°C ~ 85°C  -  50 -	Туре	MEMS VCXO
Function - Coutput LVCMOS, LVTTL  Voltage - Supply 2.8V  Frequency Stability ±10ppm  Frequency Stability (Total) - Coperating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max) 33mA  Ratings - Surface Mount  Package / Case 6-SMD, No Lead  Size / Dimension 0.031" (0.79mm)	Programmable Type	Programmed as Request
Output LVCMOS, LVTTL  Voltage - Supply 2.8V  Frequency Stability ±10ppm  Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth - Current - Supply (Max) 33mA  Ratings - Mounting Type Surface Mount  Package / Case 6-SMD, No Lead  Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)  Height 0.001" (0.79mm)	Available Frequency Range	1MHz ~ 80MHz
Voltage - Supply  Frequency Stability  Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  Size / Dimension  Height  2.8V  2.8V  2.8V  5100000000000000000000000000000000000	Function	-
Frequency Stability (Total)  Operating Temperature  Operating Spectrum Bandwidth  Current - Supply (Max)  Ratings  -  Mounting Type  Surface Mount  Package / Case  Size / Dimension  Height  Love A5°C  -  40°C ~ 85°C  -  40°C ~ 85°C  -  570  -  470°C ~ 85°C  -	Output	LVCMOS, LVTTL
Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  6-SMD, No Lead  Size / Dimension  0.197" L x 0.126" W (5.00mm x 3.20mm)  Height	Voltage - Supply	2.8V
Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 33mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Frequency Stability	±10ppm
Spread Spectrum Bandwidth  Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  6-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)	-
Current - Supply (Max)  Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Operating Temperature	-40°C ~ 85°C
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Package / Case 6-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	6-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?

#### SIT3808AI-C-28NY 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.

### SIT3808AI-C-28NY Payment Methods



















### SIT3808AI-C-28NY Shipping Methods













If you have any question about SIT3808AI-C-28NY, please do not hesitate to contact us!

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