

# SIT3808AC-2-28NB

#### SIT3808AC-2-28NB Information

Part Numb Manufactu Category Description Package	rer SiTIME Crystals, Oscillators, Resonators Programmable Oscillators	
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

## **Certified Quality**

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## SIT3808AC-2-28NB Specifications

Manufacturer Part Number SIT3808AC-2-28NB   Manufacturer SITME   Category Crystals, Oscillators, Resonators   Programmable Oscillators Programmable Oscillators   Package 4-SMD, No Lead   Stries SiT3808   Type MEMS VCXO   Programmable Type Programmed as Request   Available Frequency Range IMHz ~ MOMHz   Output LVCMOS, LVTTL   Voltage - Supply 2.8V   Frequency Stability (Total) -   Operating Temperature -20°C ~ 70°C   Spread Spectrum Bandwidth -   Quarting Type Surface Mount   Matings -   Mounting Type Surface Mount   Package / Case 4-SMD, No Lead   Size / Dimension 0.126° Lx 0.098° W (3.20mm x 2.50mm)		
CategoryCrystals, Oscillators, Resonators rogrammable OscillatorsPackage4-SMD, No LeadSeriesSiT3808TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 80MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability (Total)-Prequency Stability (Total)-Output-0°C ~ 7°CSpread Spectrum Bandwidth-Current - Supply (Max)3mARatings-Ataings-Munting TypeSurface MountPackage / CaseASMD, No LeadFieghension102°C * 1x 0.098" W(3.20mm x 2.50mm)Fieghension0.301" (0.79mm)	Manufacturer Part Number	SIT3808AC-2-28NB
Programmable OscillatorsPackage4-SMD, No LeadSeriesSiT3808TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency RangeIMHz ~ 80MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability (Total)-Operating Temperature-00°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)33mARatings-Availabg TypeSufface MountPackage / Case4.SMD, No LeadSize / Dimension1.02°L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Manufacturer	SiTIME
Package4-SMD, No LeadSeriesSiT3808TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 80MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability (Total)-Operating Temperature-0°C ~ 70°CSpread Spectrum Bandwidth-Ratings-Mounting TypeSufface MountPackage / CaseSufface MountSize / Dimension1.26° L x 0.098° W (3.20mm x 2.50mm)Height0.31" (0.79mm)	Category	Crystals, Oscillators, Resonators
SeriesSiT3808TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency RangeIMHz ~ 80MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Ratings-Mounting TypeSufface MountPrekage / CaseSufface MountSize / Dimension0.016°L x 0.098°W (3.20mm x 2.50mm)Height0.031°(0.79mm)		Programmable Oscillators
TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 80MHzFunction-OutputLVCMOS, LVTTLOutput2.8VFrequency Stability (Total):Prequency Stability (Total):Operating Temperature:Spread Spectrum Bandwidth:Ratings:Mounting TypeSurface MountPackage / CaseSurface MountSize / Dimension:1026" L x 0.098" W (3.20mm x 2.50mm)Height0.31" (0.79mm)	Package	4-SMD, No Lead
Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 80MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)33mARatings-Mounting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.031" (0.79mm)	Series	SiT3808
Available Frequency RangeIMHz ~ 80MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)33mARatings-Package / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Туре	MEMS VCXO
Function-OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)33mARatings-Mounting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Programmable Type	Programmed as Request
OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)33mARatings-Mounting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Available Frequency Range	1MHz ~ 80MHz
Yoltage - Supply     2.8V       Frequency Stability     ±10ppm       Frequency Stability (Total)     -       Operating Temperature     -20°C ~ 70°C       Spread Spectrum Bandwidth     -       Current - Supply (Max)     33mA       Ratings     -       Mounting Type     Surface Mount       Package / Case     0.126" L x 0.098" W (3.20mm x 2.50mm)       Height     0.031" (0.79mm)	Function	-
Frequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)33mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Output	LVCMOS, LVTTL
Frequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)33mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Voltage - Supply	2.8V
Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)33mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Frequency Stability	±10ppm
Spread Spectrum Bandwidth-Current - Supply (Max)33mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Frequency Stability (Total)	-
Current - Supply (Max)33mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Operating Temperature	-20°C ~ 70°C
Ratings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Spread Spectrum Bandwidth	-
Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Current - Supply (Max)	33mA
Package / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (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?

#### SIT3808AC-2-28NB 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.

#### SIT3808AC-2-28NB Payment Methods



### SIT3808AC-2-28NB Shipping Methods



If you have any question about SIT3808AC-2-28NB, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com