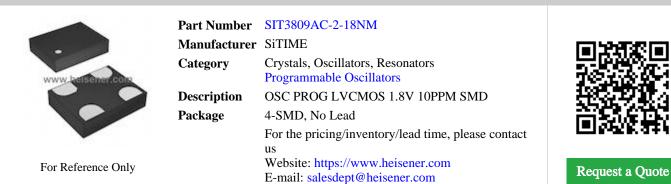


# SIT3809AC-2-18NM

#### SIT3809AC-2-18NM Information



## **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.



## SIT3809AC-2-18NM Specifications

Manufacturer Part Number SIT3809AC-2-18NM   Manufacturer SITIME   Category Crystals, Oscillators, Resonators   Package 4-SMD, No Lead   Package SIT3809   Series SIT3809   Type MEMS VCXO   Pogrammable Type Programmed as Request   Available Frequency Range SOMHz ~ 220MHz   Function -   Output LVCMOS, LVTTL   Voltag - Supply I.8V   Frequency Stability (Total) -   Operating Temperature -00°C ~ 70°C   Spread Spectrum Bandwidth -   Cutrent - Supply (Max) 33mA   Ratings -   Mounting Type Surface Mount   Package / Case ASMD, No Lead   Size / Dimension -   Mounting Type Surface Mount	-	
CategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackage4-SMD, No LeadSeriesSit3809TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply1.8VFrequency Stability (Total)-Operating Temperature-0°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)SufAce MountRatings-Nounting TypeSufAce MountPackage / CaseASMD, No LeadSize / Dimension0.126° Lx 0.098° W(3.20mm x 2.50mm)	Manufacturer Part Number	SIT3809AC-2-18NM
Programmable OscillatorsPackage4-SMD, No LeadSeriesSiT3809TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply1.8VFrequency Stability (Total)-Operating Temperature-Output, Supply (Max)33mARatings-Output, Supply (Max)SimaSpread Spectrum Bandwidth-Current - Supply (Max)SimaRatings-Auting TypeSufface MountPackage / Case4.SMD, No LeadSize / Dimension0.031" (0.79mm)	Manufacturer	SITIME
Package4-SMD, No LeadSeriesSiT3809TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply1.8VFrequency Stability (Total)-Operating Temperature-0°C ~ 7°CSpread Spectrum Bandwidth-Current - Supply (Max)3mARatings-Mounting TypeSurface MountPackage / Case4.SMD, No LeadBize / Dimension1.26° L x 0.098° W (3.20mm x 2.50mm)Height0.31" (0.79mm)	Category	Crystals, Oscillators, Resonators
SeriesSiT3809TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply1.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpred Spectrum Bandwidth-Ratings-Mounting TypeSufface MountPrekage / CaseSufface MountSize / Dimension0.031" (0.79mm)		Programmable Oscillators
TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply1.8VFrequency Stability (Total)±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpred Spectrum Bandwidth-Ratings-Mounting TypeSurface MountPackage / Case4.SMD, No LeadSize / Dimension1.26° L x 0.098°W (3.20mm x 2.50mm)Height0.31" (0.79mm)	Package	4-SMD, No Lead
Programmable TypeProgrammed as RequestProgrammable Type80MHz ~ 220MHzAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply1.8VFrequency 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	SiT3809
Available Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLOutput1.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-Current - Supply (Max)33mARatings-Nounting TypeSurface MountPackage / 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 - Supply1.8VFrequency 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)	Programmable Type	Programmed as Request
OutputLVCMOS, LVTTLVoltage - Supply1.8VFrequency 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	80MHz ~ 220MHz
Voltage - Supply1.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-0°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)	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)Height0.31" (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	1.8V
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 / 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?

#### SIT3809AC-2-18NM 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.

#### SIT3809AC-2-18NM Payment Methods



### SIT3809AC-2-18NM Shipping Methods



If you have any question about SIT3809AC-2-18NM, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com