

SIT3809AI-2-28NE

SIT3809AI-2-28NE Information

Part Number Manufactur Category Description Package	 r SIT3809AI-2-28NE er SiTIME Crystals, Oscillators, Resonators Programmable Oscillators OSC PROG LVCMOS 2.8V 10PPM SMD 4-SMD, No Lead For the pricing/inventory/lead time, please contact us 	
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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SIT3809AI-2-28NE Specifications

ManufacturerSiTIMECategoryCrystals, Oscillators, ResonatorsPackageProgrammable OscillatorsPackage4-SMD, No LeadSeriesSiT3809TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzPuttion-OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability (Total)-Prequency Stability (Total)-Operating Temperature-40°C ~ 85°COutput, Supply (Max)36mARatings-Ratings-AnalogSiriAse MountPackage / CaseSufface MountSize / Dimension0.126"L x 0.098" W (3.20mm x 2.50mm)	-	
CategoryCrystals, Oscillators, ResonatorsProgrammable OscillatorsPackage4-SMD, No LeadSeriesSiT3809TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 200MHzPoutputLVCMOS, LVTTLOutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability (Total)-Prequency Stability (Total)-Spread Spectrum Bandwidth-Current - Supply (Max)36mARatings-Atatings-Atatings-Package / Case4.9KD, No LeadSitze / Dimension1.26" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Manufacturer Part Number	SIT3809AI-2-28NE
Programmable OscillatorsPackage4-SMD, No LeadSeriesSiT3809TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability (Total)-Operating Temperature40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-Available TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.031" (0.79mm)	Manufacturer	SiTIME
Package4-SMD, No LeadSeriesSiT3809TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-Package / Case4.5MD, No LeadSize / Dimension0.126°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 - Supply2.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)SimARatings-Package / Case4.SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)		Programmable Oscillators
TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability (Total)-Prequency Stability (Total)-Operating Temperature-Outrut - Supply (Max)36mARatings-Nouting TypeSurface MountPackage / Case4.9MD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Package	4-SMD, No Lead
Programmable TypeProgrammed as RequestProgrammable Type80MHz ~ 220MHzAvailable Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLVoltage - Supply2.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.031" (0.79mm)	Series	SiT3809
Available Frequency Range80MHz ~ 220MHzFunction-OutputLVCMOS, LVTTLOutput2.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.012" (0.79mm)	Туре	MEMS VCXO
Function-OutputLVCMOS, LVTTLOutput2.8VVoltage - Supply±10ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-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-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-Mounting TypeSurface MountPackage / Case4.5MD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.031" (0.79mm)	Available Frequency Range	80MHz ~ 220MHz
Voltage - Supply2.8VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-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-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-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-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-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-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-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)36mARatings-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)36mARatings-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	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
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)	36mA
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?

SIT3809AI-2-28NE 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.

SIT3809AI-2-28NE Payment Methods



SIT3809AI-2-28NE Shipping Methods



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