



SIT3809AC-C-18NM Information



For Reference Only

Part Number SIT3809AC-C-18NM

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 1.8V 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

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SIT3809AC-C-18NM Specifications

Manufacturer Part Number SIT3809AC-C-18NM Manufacturer SiTIME Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SIT3809 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function - Output LVCMOS, LVTTL Voltage - Supply ±10ppm 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 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 SiT3809 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function - Output LVCMOS, LVTTL Voltage - Supply 1.8V 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 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Manufacturer Part Number	SIT3809AC-C-18NM
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SeriesSiT3809TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable 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 / Case6-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)		Programmable Oscillators
Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function - Output LVCMOS, LVTTL Voltage - Supply 1.8V Frequency Stability (Total) - Operating Temperature -20°C ~ 70°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)	Package	6-SMD, No Lead
Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function - Output LVCMOS, LVTTL Voltage - Supply 1.8V Frequency Stability (Total) - Operating Temperature -20°C ~ 70°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)	Series	SiT3809
Available Frequency Range Function - Output LVCMOS, LVTTL Voltage - Supply 1.8V Frequency Stability Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 80MHz ~ 220MHz - 80MHz ~ 20MHz - 80MHz ~ 220MHz - 80MHz ~ 220	Type	MEMS VCXO
Function - Cutput LVCMOS, LVTTL Voltage - Supply 1.8V Frequency Stability ±10ppm Frequency Stability (Total) - Current - Supply (Max) 33mA Ratings - Supply (Max) Surface Mount Package / Case Size / Dimension - 0.197" L x 0.126" W (5.00mm x 3.20mm)	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 / Case6-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)	Available Frequency Range	80MHz ~ 220MHz
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 6-SMD, No Lead Size / Dimension 1.8V -10ppm -20°C ~ 70°C Surface Mount -20°C ~ 70°C Surface Mount -20°C ~ 70°C -20	Function	-
Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension ±10ppm - 0-20°C ~ 70°C -20°C ~ 70°C -20°	Output	LVCMOS, LVTTL
Frequency Stability (Total) Operating Temperature -20°C ~ 70°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)	Voltage - Supply	1.8V
Operating Temperature -20°C ~ 70°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)	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)	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)	Operating Temperature	-20°C ~ 70°C
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)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Current - Supply (Max)	33mA
Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Ratings	-
Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Mounting Type	Surface Mount
	Package / Case	6-SMD, No Lead
Height 0.031" (0.79mm)	Size / Dimension	0.197" L x 0.126" W (5.00mm x 3.20mm)
	Height	0.031" (0.79mm)
Report errors?		Report errors?

SIT3809AC-C-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-C-18NM Payment Methods



















SIT3809AC-C-18NM Shipping Methods













If you have any question about SIT3809AC-C-18NM, please do not hesitate to contact us!

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