



SIT3809AI-G-25SH Information



For Reference Only

Part Number SIT3809AI-G-25SH

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 2.5V STBY 10PPM

Package 4-SMD, No Lead

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

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.









SIT3809AI-G-25SH Specifications

Manufacturer Part Number SIT3809AI-G-25SH Manufacturer SiTIME Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series SiT3809 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability +10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)		
Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series SiT3809 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Manufacturer Part Number	SIT3809AI-G-25SH
Package 4-SMD, No Lead Series SiT3809 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Manufacturer	SiTIME
Package 4-SMD, No Lead Series SiT3809 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Category	Crystals, Oscillators, Resonators
Series SiT3809 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)		Programmable Oscillators
TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range80MHz ~ 220MHzFunctionStandbyOutputLVCMOS, LVTTLVoltage - Supply2.5VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)36mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.106" L x 0.094" W (2.70mm x 2.40mm)Height0.031" (0.79mm)	Package	4-SMD, No Lead
Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.00000000000000000000000000000000000	Series	SiT3809
Available Frequency Range 80MHz ~ 220MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.031" (0.79mm) 8andby LVCMOS, LVTTL	Туре	MEMS VCXO
Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Programmable Type	Programmed as Request
Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.016" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Available Frequency Range	80MHz ~ 220MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Supply (Max) Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension Height 2.5V 2.5V 5PV 4-10ppm - 40°C ~ 85°C 5PC 5PC 5PC 5PC 5PC 5PC 5PC	Function	Standby
Frequency Stability (Total)	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 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height	Voltage - Supply	2.5V
Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Frequency Stability	±10ppm
Spread Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Frequency Stability (Total)	-
Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Operating Temperature	-40°C ~ 85°C
Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Current - Supply (Max)	36mA
Package / Case 4-SMD, No Lead Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Ratings	-
Size / Dimension 0.106" L x 0.094" W (2.70mm x 2.40mm) Height 0.031" (0.79mm)	Mounting Type	Surface Mount
Height 0.031" (0.79mm)	Package / Case	4-SMD, No Lead
	Size / Dimension	0.106" L x 0.094" W (2.70mm x 2.40mm)
Report errors?	Height	0.031" (0.79mm)
		Report errors?

SIT3809AI-G-25SH 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-G-25SH Payment Methods





















SIT3809AI-G-25SH Shipping Methods













If you have any question about SIT3809AI-G-25SH, please do not hesitate to contact us!

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