



SIT3807AI-C-25SE Information



For Reference Only

Part Number SIT3807AI-C-25SE

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 2.5V STBY 25PPM

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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SIT3807AI-C-25SE Specifications

Manufacturer Part Number SIT3807AI-C-25SE Manufacturer SiTIME Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiT3807 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 1.544MHz ~ 49.152MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature 40°C ~ 85°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 0.31" (0.79mm)		
Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiT3807 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 1.544MHz ~ 49.152MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability (Total) - Operating Temperature -40°C ~ 85°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	SIT3807AI-C-25SE
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SeriesSiT3807TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range1.544MHz ~ 49.152MHzFunctionStandbyOutputLVCMOS, LVTTLVoltage - Supply2.5VFrequency Stability±25ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°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 1.544MHz ~ 49.152MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability (Total) - Operating Temperature -40°C ~ 85°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 1.544MHz ~ 49.152MHz Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability Total) - Operating Temperature -40°C ~ 85°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	SiT3807
Available Frequency Range Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 1.544MHz ~ 49.152MHz 5tandby 1.544MHz ~ 49.152MHz 1.544MHz 1.544MHz 2.5V 1.544MHz 2.5V 1.542MHz 1.544MHz 2.5V 1.542MHz 1.544MHz 2.5V 1.542MHz 1.542MHz 1.544MHz 1.5	Type	MEMS VCXO
Function Standby Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 33mA Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Programmable Type	Programmed as Request
Output LVCMOS, LVTTL Voltage - Supply 2.5V Frequency Stability +25ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°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)	Available Frequency Range	1.544MHz ~ 49.152MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 2.5V 2.5V 2.5V 5-V 5-V 5-V 5-V 5-V 6-SMD, No Lead 5-SMD, No Lead 5-SMD, No Lead 5-SMD, No Lead 5-SMD, No Lead	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 6-SMD, No Lead Size / Dimension - 0.197" L x 0.126" W (5.00mm x 3.20mm)	Voltage - Supply	2.5V
Operating Temperature -40°C ~ 85°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	±25ppm
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	-40°C ~ 85°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)
Treight 0.001 (0.77mm)	Height	0.031" (0.79mm)
Report errors?		Report errors?

SIT3807AI-C-25SE 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.

SIT3807AI-C-25SE Payment Methods



















SIT3807AI-C-25SE Shipping Methods













If you have any question about SIT3807AI-C-25SE, please do not hesitate to contact us!

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