



SIT3809AI-C-33EG Information



For Reference Only

Part Number SIT3809AI-C-33EG

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVCMOS 3.3V EN/DS 10PPM

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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SIT3809AI-C-33EG Specifications

Manufacturer Part Number SIT3809A1-C-33EG Manufacturer SiTIME Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiT3809 Type MEMS VCXO Programmable Type MEMS VCXO Programmed as Request 80MHz ~ 220MHz Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V 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 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 Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V 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 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Manufacturer Part Number	SIT3809AI-C-33EG	
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Series SiT3809 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V 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 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height		Programmable Oscillators	
Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 80MHz ~ 220MHz Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V 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 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Package	6-SMD, No Lead	
Programmable Type Programmed as Request 80MHz ~ 220MHz Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V 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 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.001" (0.79mm)	Series	SiT3809	
Available Frequency Range Function Enable/Disable Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability ±10ppm 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 0.031" (0.79mm)	Type	MEMS VCXO	
Function Output LVCMOS, LVTTL Voltage - Supply 3.3V Frequency Stability ±10ppm 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 Height Enable/Disable LVCMOS, LVTTL 3.3V ** #10ppm - -40°C ~ 85°C Spread Spectrum Sandwidth - 0.40°C ~ 85°C Spread Spectrum Bandwidth - 0.40°C ~ 85°C Spread Spec	Programmable Type	Programmed as Request	
Output LVCMOS, LVTTL Voltage - Supply 3.3V 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 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Available Frequency Range	80MHz ~ 220MHz	
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) SafmA Ratings - Mounting Type Surface Mount Package / Case Size / Dimension O.031" (0.79mm) 3.3V ±10ppm - Surface Mount - 0.031" (0.79mm)	Function	Enable/Disable	
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) Height	Voltage - Supply	3.3V	
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) Height 0.031" (0.79mm)	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) Height 0.031" (0.79mm)	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) Height 0.031" (0.79mm)	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) Height 0.031" (0.79mm)	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) Height 0.031" (0.79mm)	Current - Supply (Max)	36mA	
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)	Ratings	-	
Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)	Mounting Type	Surface Mount	
Height 0.031" (0.79mm)	Package / Case	6-SMD, No Lead	
	Size / Dimension	0.197" L x 0.126" W (5.00mm x 3.20mm)	
Report errors?	Height	0.031" (0.79mm)	
		Report errors	?

SIT3809AI-C-33EG 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-C-33EG Payment Methods



















SIT3809AI-C-33EG Shipping Methods













If you have any question about SIT3809AI-C-33EG, please do not hesitate to contact us!

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