

SIT8209AI-21-XXX-000.FP0000X

SIT8209AI-21-XXX-000.FP0000X Information



For Reference Only

Part Number SIT8209AI-21-XXX-000.FP0000X

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description PROG OSC BLANK 80-220MHZ LVCMOS

Package 4-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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SIT8209AI-21-XXX-000.FP0000X Specifications

Manufacturer Part Number SITS209AI-21-XXX-000.FP0000X Manufacturer SiTIME Category Crystals, Oscillators, Resonators Programmable Oscillators Package 4-SMD, No Lead Series SiT8209 Type MEMS (Silicon) Programmable Type Blank (User Must Program) Available Frequency Range 80MHz ~ 220MHz Function Enable/Disable, Standby Output LVCMOS Voltage - Supply 1.8V, 2.5 V ~ 3.3 V Frequency Stability ±20ppm Operating Temperature ±0°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 36mA Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.80mm)		
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Series SiT8209 Type MEMS (Silicon) Programmable Type Blank (User Must Program) Available Frequency Range 80MHz ~ 220MHz Function Enable/Disable, Standby Output LVCMOS Voltage - Supply 1.8V, 2.5 V ~ 3.3 V Frequency Stability ±20ppm Frequency Stability (Total) ±20ppm 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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.80mm)		Programmable Oscillators
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Available Frequency Range 80MHz ~ 220MHz Function Enable/Disable, Standby Output LVCMOS Voltage - Supply 1.8V, 2.5 V ~ 3.3 V Frequency Stability ±20ppm Frequency Stability (Total) -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.031" (0.80mm)	Туре	MEMS (Silicon)
Function Enable/Disable, Standby Output LVCMOS Voltage - Supply 1.8V, 2.5 V ~ 3.3 V Frequency Stability ±20ppm Frequency Stability (Total) ±20ppm 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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.001" (0.80mm)	Programmable Type	Blank (User Must Program)
OutputLVCMOSVoltage - Supply1.8V, 2.5 V ~ 3.3 VFrequency Stability±20ppmFrequency Stability (Total)±20ppmOperating 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" (0.80mm)	Available Frequency Range	80MHz ~ 220MHz
Voltage - Supply 1.8V, 2.5 V ~ 3.3 V Frequency Stability ±20ppm Frequency Stability (Total) 2-40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 1.8V, 2.5 V ~ 3.3 V ±20ppm -40°C ~ 85°C Soma -40°C ~ 85°C Surface Mount - Current - Supply (Max) 36mA - Mounting Type Surface Mount 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height	Function	Enable/Disable, Standby
Frequency Stability (Total) ±20ppm 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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height +20ppm ±20ppm ±20ppm ±20ppm 50pm ±20ppm -40°C ~ 85°C SomA - Current - Supply (Max) 36mA - 0.126" L x 0.098" W (3.20mm x 2.50mm) 0.031" (0.80mm)	Output	LVCMOS
Frequency Stability (Total) ±20ppm 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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.80mm)	Voltage - Supply	1.8V, 2.5 V ~ 3.3 V
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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.80mm)	Frequency Stability	±20ppm
Spread Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.80mm)	Frequency Stability (Total)	±20ppm
Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.80mm)	Operating Temperature	-40°C ~ 85°C
Ratings - Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.80mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.80mm)	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" (0.80mm)	Ratings	-
Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.80mm)	Mounting Type	Surface Mount
Height 0.031" (0.80mm)	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" (0.80mm)
		Report errors?

SIT8209AI-21-XXX-000.FP0000X Guarantees



Ouality 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.

SIT8209AI-21-XXX-000.FP0000X Payment Methods



















SIT8209AI-21-XXX-000.FP0000X Shipping Methods













If you have any question about SIT8209AI-21-XXX-000.FP0000X, please do not hesitate to contact us!

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