

SIT9121AI-1B1-XXX000.FP0000X

SIT9121AI-1B1-XXX000.FP0000X Information



For Reference Only

Part Number SIT9121AI-1B1-XXX000.FP0000X

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description PROG OSC BLANK 1-220MHZ LVPECL

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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SIT9121AI-1B1-XXX000.FP0000X Specifications

Manufacturer Part Number SIT9121AI-1B1-XXX000.FP0000X Manufacturer SiTIME Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiT9121 Type MEMS (Silicon) Programmable Type Blank (User Must Program) Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable, Standby Output LVPECL Voltage - Supply 2.5V, 3.3V Frequency Stability (Total) ±20ppm Operating Temperature ±40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.032" (0.80mm)		
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Series SiT9121 Type MEMS (Silicon) Programmable Type Blank (User Must Program) Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable, Standby Output LVPECL Voltage - Supply 2.5V, 3.3V Frequency Stability ±20ppm Frequency Stability (Total) ±20ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.032" (0.80mm)		Programmable Oscillators
TypeMEMS (Silicon)Programmable TypeBlank (User Must Program)Available Frequency Range1MHz ~ 220MHzFunctionEnable/Disable, StandbyOutputLVPECLVoltage - Supply2.5V, 3.3VFrequency Stability±20ppmFrequency Stability (Total)±20ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)69mARatings-Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.032" (0.80mm)	Package	6-SMD, No Lead
Programmable Type Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable, Standby Output LVPECL Voltage - Supply Frequency Stability #20ppm 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 Blank (User Must Program) Blank (User Must Program) 1MHz ~ 220MHz Frequency Stability 1	Series	SiT9121
Available Frequency Range Function Enable/Disable, Standby Output LVPECL Voltage - Supply 2.5V, 3.3V Frequency Stability #20ppm Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height	Туре	MEMS (Silicon)
Function Enable/Disable, Standby Output LVPECL Voltage - Supply 2.5V, 3.3V Frequency Stability ±20ppm Frequency Stability (Total) ±20ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.0032" (0.80mm)	Programmable Type	Blank (User Must Program)
Output LVPECL Voltage - Supply 2.5V, 3.3V Frequency Stability ±20ppm Frequency Stability (Total) ±20ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.032" (0.80mm)	Available Frequency Range	1MHz ~ 220MHz
Voltage - Supply 2.5V, 3.3V Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.032" (0.80mm) 2.5V, 3.3V 2.5V, 3.3V 2.5V, 3.3V 2.5V, 3.3V 2.50pm 4.000 2.5V, 3.3V 2.50pm 4.000 4.000 2.5V, 3.3V 4.00pm 4.000 4.	Function	Enable/Disable, Standby
Frequency Stability (Total) ±20ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.032" (0.80mm)	Output	LVPECL
Frequency Stability (Total) Derating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 120ppm -40°C ~ 85°C - Spread Spectrum Bandwidth - Current - Supply (Max) - Current - Supply (Max) 69mA - Mounting Type Surface Mount 0-SMD, No Lead 10-SMD, No Lead	Voltage - Supply	2.5V, 3.3V
Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.032" (0.80mm)	Frequency Stability	±20ppm
Spread Spectrum Bandwidth - Current - Supply (Max) 69mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.032" (0.80mm)	Frequency Stability (Total)	±20ppm
Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.032" (0.80mm)	Operating Temperature	-40°C ~ 85°C
Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.032" (0.80mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.032" (0.80mm)	Current - Supply (Max)	69mA
Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.032" (0.80mm)	Ratings	-
Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.032" (0.80mm)	Mounting Type	Surface Mount
Height 0.032" (0.80mm)	Package / Case	6-SMD, No Lead
-	Size / Dimension	0.126" L x 0.098" W (3.20mm x 2.50mm)
Report errors?	Height	0.032" (0.80mm)
		Report errors?

SIT9121AI-1B1-XXX000.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.

SIT9121AI-1B1-XXX000.FP0000X Payment Methods



















SIT9121AI-1B1-XXX000.FP0000X Shipping Methods













If you have any question about SIT9121AI-1B1-XXX000.FP0000X, please do not hesitate to contact us!

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