



SIT3821AC-1B-33NB Information



For Reference Only

Part Number SIT3821AC-1B-33NB

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVPECL 3.3V 10PPM SMD

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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SIT3821AC-1B-33NB Specifications

Manufacturer Part Number SIT3821AC-1B-33NB Manufacturer SiTIME Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiT3821 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function - Output LVPECL Voltage - Supply 3.3V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°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 0.031" (0.79mm)		
Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiT3821 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function - Output LVPECL Voltage - Supply 3.3V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°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)	Manufacturer Part Number	SIT3821AC-1B-33NB
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SeriesSiT3821TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 220MHzFunction-OutputLVPECLVoltage - Supply3.3VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°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)		Programmable Oscillators
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Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function - Output LVPECL Voltage - Supply 3.3V Frequency Stability (Total) - Operating Temperature -20°C ~ 70°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)	Series	SiT3821
Available Frequency Range Function - Output LVPECL Voltage - Supply 3.3V Frequency Stability Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 1MHz ~ 220MHz - 69MA - 1.0VPECL - 0.0VPECL - 0.3V - 0.0VPECL	Туре	MEMS VCXO
Function - Cutput LVPECL Voltage - Supply 3.3V Frequency Stability ±10ppm Frequency Stability (Total) - Current - Supply (Max) 69mA Ratings - Supply (Max) 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)	Programmable Type	Programmed as Request
OutputLVPECLVoltage - Supply3.3VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°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)	Available Frequency Range	1MHz ~ 220MHz
Voltage - Supply Frequency Stability ±10ppm Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 3.3V 3.3V 3.3V 5000 5000 - Surface Mount 6-SMD, No Lead 5000	Function	-
Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension ±10ppm - 0-20°C ~ 70°C -20°C ~ 70°C -20°	Output	LVPECL
Frequency Stability (Total) Operating Temperature -20°C ~ 70°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)	Voltage - Supply	3.3V
Operating Temperature -20°C ~ 70°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)	Frequency Stability	±10ppm
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)	Frequency Stability (Total)	-
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)	Operating Temperature	-20°C ~ 70°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)	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)	Current - Supply (Max)	69mA
Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)	Ratings	-
Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)	Mounting Type	Surface Mount
· · · · · · · · · · · · · · · · · · ·	Package / Case	6-SMD, No Lead
Height 0.031" (0.79mm)	Size / Dimension	0.126" L x 0.098" W (3.20mm x 2.50mm)
	Height	0.031" (0.79mm)
Report errors?		Report errors?

SIT3821AC-1B-33NB 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.

SIT3821AC-1B-33NB Payment Methods



















SIT3821AC-1B-33NB Shipping Methods













If you have any question about SIT3821AC-1B-33NB, please do not hesitate to contact us!

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