



SIT3821AI-2D-33NZ Information



For Reference Only

Part Number SIT3821AI-2D-33NZ

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVDS 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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SIT3821AI-2D-33NZ Specifications

Manufacturer Part Number SIT3821AI-2D-33NZ Manufacturer SiTIME Category Crystals, Oscillators, Resonators Programmable Oscillators Package 6-SMD, No Lead Series SiT3821 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function - Output LVDS Voltage - Supply 3.3V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 55mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)		
Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiT3821 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range IMHz ~ 220MHz Function - Output LVDS Voltage - Supply 3.3V Frequency Stability (Total) - Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 55mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Manufacturer Part Number	SIT3821AI-2D-33NZ
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Series SiT3821 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function - Output LVDS Voltage - Supply 3.3V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 55mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)		Programmable Oscillators
Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function - Output LVDS Voltage - Supply 3.3V Frequency Stability Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 55mA Ratings - Mems VCXO Mems Request Available Frequency Stability (Total) - Ooerating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 55mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Package	6-SMD, No Lead
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Available Frequency Range Function Output LVDS Voltage - Supply 3.3V Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Stability Frequency Supply Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 1.00000000000000000000000000000000000	Туре	MEMS VCXO
Function - Cutput LVDS Voltage - Supply 3.3V Frequency Stability ±10ppm Frequency Stability (Total) - Current - Supply (Max) 55mA Ratings - Current - Supply (Max) 55mA Ratings - Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.039" (1.00mm)	Programmable Type	Programmed as Request
OutputLVDSVoltage - Supply3.3VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)55mARatings-Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.276" L x 0.197" W (7.00mm x 5.00mm)Height0.039" (1.00mm)	Available Frequency Range	1MHz ~ 220MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Statings - Mounting Type Surface Mount Package / Case Size / Dimension Height 3.3V 3.3V \$100ppm - Surface Mount 5- Surface Mount 6-SMD, No Lead 5.27° L x 0.197" W (7.00mm x 5.00mm) 0.039" (1.00mm)	Function	-
Frequency Stability (Total)	Output	LVDS
Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) S55mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height -40°C ~ 85°C -40°	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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Frequency Stability	±10ppm
Spread Spectrum Bandwidth Current - Supply (Max) S55mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Frequency Stability (Total)	-
Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Operating Temperature	-40°C ~ 85°C
Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Current - Supply (Max)	55mA
Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Ratings	-
Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Mounting Type	Surface Mount
Height 0.039" (1.00mm)	Package / Case	6-SMD, No Lead
, ,	Size / Dimension	0.276" L x 0.197" W (7.00mm x 5.00mm)
Report errors?	Height	0.039" (1.00mm)
		Report errors?

SIT3821AI-2D-33NZ 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.

SIT3821AI-2D-33NZ Payment Methods



















SIT3821AI-2D-33NZ Shipping Methods













If you have any question about SIT3821AI-2D-33NZ, please do not hesitate to contact us!

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