



SIT3821AC-1D-33NY Information



For Reference Only

Part Number SIT3821AC-1D-33NY

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-1D-33NY Specifications

Manufacturer Part Number SIT3821AC-1D-33NY 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 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 0.276" 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 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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Manufacturer Part Number	SIT3821AC-1D-33NY
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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Manufacturer	SiTIME
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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Category	Crystals, Oscillators, Resonators
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 0.276" 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 LVPECL Voltage - Supply 3.3V Frequency Stability + 110ppm 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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Package	6-SMD, No Lead
Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function - Cutput LVPECL Voltage - Supply 3.3V Frequency Stability ±10ppm Frequency Stability (Total) - Coperating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA Ratings - Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.00000000000000000000000000000000000	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 6-SMD, No Lead Size / Dimension Height LVPECL	Туре	MEMS VCXO
Function - Coutput LVPECL Voltage - Supply 3.3V Frequency Stability ±10ppm Frequency Stability (Total) - Coperating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA Ratings - Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.039" (1.00mm)	Programmable Type	Programmed as Request
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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Available Frequency Range	1MHz ~ 220MHz
Voltage - Supply 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 Height 3.3V 3.3V \$100ppm - Surface Mount -20°C ~ 70°C -2	Function	-
Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 0.039" (1.00mm) + 10ppm - 210ppm - 20°C ~ 70°C -	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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height - 0.039" (1.00mm)	Voltage - Supply	3.3V
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 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.039" (1.00mm)	Frequency Stability	±10ppm
Spread Spectrum Bandwidth - Current - Supply (Max) 69mA 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	-20°C ~ 70°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)	69mA
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?

SIT3821AC-1D-33NY 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-1D-33NY Payment Methods



















SIT3821AC-1D-33NY Shipping Methods













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

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