



SIT3821AI-1C-25EY Information



For Reference Only

Part Number SIT3821AI-1C-25EY

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVPECL 2.5V EN/DS 10PPM

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

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









SIT3821AI-1C-25EY Specifications

Manufacturer Part NumberSIT3821AI-1C-25EYManufacturerSiTIMECategoryCrystals, Oscillators, ResonatorsPackage6-SMD, No LeadSeriesSiT3821TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 220MHzFunctionEnable/DisableOutputLVPECLVoltage - Supply2.5VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)69mARatings-Mounting TypeSurface Mount		
Category Crystals, Oscillators, Resonators Programmable Oscillators Package 6-SMD, No Lead Series SiT3821 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range IMHz ~ 220MHz Function Enable/Disable Output LVPECL Voltage - Supply 2.5V Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Crystals, Oscillators, Resonators Programmable Oscillators Nesonators Programmable Oscillators NESONADO SHOP OSCILLATOR Programmable Oscillator SHO	Manufacturer Part Number	SIT3821AI-1C-25EY
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Package6-SMD, No LeadSeriesSiT3821TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 220MHzFunctionEnable/DisableOutputLVPECLVoltage - Supply2.5VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)69mARatings-	Category	Crystals, Oscillators, Resonators
SeriesSiT3821TypeMEMS VCXOProgrammable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 220MHzFunctionEnable/DisableOutputLVPECLVoltage - Supply2.5VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)69mARatings-		Programmable Oscillators
Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable Output LVPECL Voltage - Supply 2.5V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA Ratings - MEMS VCXO IMEMS VCXO Request 10 Programmed as Request 1 MHz ~ 220MHz Enable/Disable 1 LVPECL - 2.5V - 4.0°C ~ 85°C - 40°C ~ 85°C	Package	6-SMD, No Lead
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Function Enable/Disable Output LVPECL Voltage - Supply 2.5V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA Ratings -	Programmable Type	Programmed as Request
OutputLVPECLVoltage - Supply2.5VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)69mARatings-	Available Frequency Range	1MHz ~ 220MHz
Voltage - Supply2.5VFrequency Stability±10ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)69mARatings-	Function	Enable/Disable
Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings +10ppm -40°C ~ 85°C -40°C ~ 85°C	Output	LVPECL
Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - - - - - - - - - - - - -	Voltage - Supply	2.5V
Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 69mA Ratings -	Frequency Stability	±10ppm
Spread Spectrum Bandwidth - Current - Supply (Max) 69mA Ratings -	Frequency Stability (Total)	-
Current - Supply (Max) 69mA Ratings -	Operating Temperature	-40°C ~ 85°C
Ratings -	Spread Spectrum Bandwidth	-
-	Current - Supply (Max)	69mA
Mounting Type Surface Mount	Ratings	-
	Mounting Type	Surface Mount
Package / Case 6-SMD, No Lead	Package / Case	6-SMD, No Lead
Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Size / Dimension	0.197" L x 0.126" W (5.00mm x 3.20mm)
Height 0.031" (0.79mm)	Height	0.031" (0.79mm)
Report errors		Report errors?

SIT3821AI-1C-25EY 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.

SIT3821AI-1C-25EY Payment Methods



















SIT3821AI-1C-25EY Shipping Methods













If you have any question about SIT3821AI-1C-25EY, please do not hesitate to contact us!

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