



SIT3822AC-2D-25NX Information



For Reference Only

Part Number SIT3822AC-2D-25NX

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVDS 2.5V 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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SIT3822AC-2D-25NX Specifications

Manufacturer Part Number SIT3822AC-2D-25NX Manufacturer SiTIME Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiT3822 Type MEMS VCXO Programmable Type MEMS VCXO Programmed as Request Available Frequency Range Function - Output LVDS Voltage - Supply 2.5V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°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 Programmable Oscillators Package 6-SMD, No Lead Series SiT3822 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 220MHz ~ 625MHz Function - Output LVDS Voltage - Supply 2.5V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°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	SIT3822AC-2D-25NX
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Series SiT3822 Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 220MHz ~ 625MHz Function - Output LVDS Voltage - Supply 2.5V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°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		Programmable Oscillators
Type MEMS VCXO Programmable Type Programmed as Request Available Frequency Range 220MHz ~ 625MHz Function - Output LVDS Voltage - Supply 2.5V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°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
Programmable Type Programmed as Request Available Frequency Range 220MHz ~ 625MHz Function - CUtput LVDS Voltage - Supply 2.5V Frequency Stability ±10ppm Frequency Stability (Total) - COperating Temperature -20°C ~ 70°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 0.00000000000000000000000000000000000	Series	SiT3822
Available Frequency Range Function Output LVDS Voltage - Supply 2.5V Frequency Stability +10ppm Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings Audings Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.0276" L x 0.197" W (7.00mm x 5.00mm) Height	Туре	MEMS VCXO
Function - Cutput LVDS Voltage - Supply 2.5V Frequency Stability ±10ppm Frequency Stability (Total) - Current - Supply (Max) 55mA Ratings - Current - Supply (Max) Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.039" (1.00mm)	Programmable Type	Programmed as Request
Output LVDS Voltage - Supply 2.5V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -20°C ~70°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)	Available Frequency Range	220MHz ~ 625MHz
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 O.276" L x 0.197" W (7.00mm x 5.00mm) Height 2.5V ±10ppm -20°C ~ 70°C Spread Spectrum Bandwidth - Current - Supply (Max) 55mA Surface Mount 0.276" L x 0.197" W (7.00mm x 5.00mm)	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 D.276" L x 0.197" W (7.00mm x 5.00mm) Height + 10ppm - 20°C ~ 70°C - 20°C ~ 70°	Output	LVDS
Frequency Stability (Total) Operating Temperature -20°C ~ 70°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 0.039" (1.00mm)	Voltage - Supply	2.5V
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 0.276" 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	-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)	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?

SIT3822AC-2D-25NX 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.

SIT3822AC-2D-25NX Payment Methods



















SIT3822AC-2D-25NX Shipping Methods













If you have any question about SIT3822AC-2D-25NX, please do not hesitate to contact us!

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