



SIT9002AC-28N33EG Information



For Reference Only

Part Number SIT9002AC-28N33EG

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVDS 3.3V EN/DS 25PPM

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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SIT9002AC-28N33EG Specifications

Manufacturer Part Number SITIME Category Crystals, Oscillators, Resonators Programmable Oscillators Package 6-SMD, No Lead Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable Output LVDS Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 85mA 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)		
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SeriesSiT9002TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 220MHzFunctionEnable/DisableOutputLVDSVoltage - Supply3.3VFrequency Stability±25ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth±1.00%, Center SpreadCurrent - Supply (Max)85mARatings-Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.276" L x 0.197" W (7.00mm x 5.00mm)Height0.039" (1.00mm)		Programmable Oscillators
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Function Enable/Disable Output LVDS Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 85mA 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 0.009" (1.00mm)	Programmable Type	Programmed as Request
Output LVDS Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 85mA 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 3.3V Frequency Stability Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 85mA 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)	Function	Enable/Disable
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Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 85mA 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	Voltage - Supply	3.3V
Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Spread Spectrum Bandwidth $\pm 1.00\%$, Center SpreadCurrent - Supply (Max) 85mA Ratings-Mounting TypeSurface MountPackage / Case $6-\text{SMD}$, No LeadSize / Dimension $0.276^{\circ}\text{L x } 0.197^{\circ}\text{W } (7.00\text{mm x } 5.00\text{mm})$ Height 0.039° (1.00mm)	Frequency Stability	±25ppm
Spread Spectrum Bandwidth ±1.00%, Center Spread Current - Supply (Max) 85mA 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	±1.00%, Center Spread
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)	85mA
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?

SIT9002AC-28N33EG 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.

SIT9002AC-28N33EG Payment Methods



















SIT9002AC-28N33EG Shipping Methods













If you have any question about SIT9002AC-28N33EG, please do not hesitate to contact us!

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