



SIT9002AC-13H33SO Information



For Reference Only

Part Number SIT9002AC-13H33SO

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVPECL 3.3V STBY 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-13H33SO Specifications

Manufacturer Part Number SITIME Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiTO002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Standby Output LVPECL Voltage - Supply ±25ppm Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.031" (0.79mm)		
Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Standby Output LVPECL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Manufacturer Part Number	SIT9002AC-13H33SO
Package 6-SMD, No Lead Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Standby Output LVPECL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Manufacturer	SiTIME
Package6-SMD, No LeadSeriesSiT9002TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 220MHzFunctionStandbyOutputLVPECLVoltage - Supply3.3VFrequency Stability±25ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth-0.50%, Down SpreadCurrent - Supply (Max)84mARatings-Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)	Category	Crystals, Oscillators, Resonators
Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Standby Output LVPECL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)		Programmable Oscillators
Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Standby Output LVPECL Voltage - Supply 3.3V Frequency Stability + ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Package	6-SMD, No Lead
Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Standby Output LVPECL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Series	SiT9002
Available Frequency Range Function Standby Output LVPECL Voltage - Supply 3.3V Frequency Stability Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension 1MHz ~ 220MHz Standby Standby Standby Standby Standby Sixnd Sixn	Туре	MEMS (Silicon)
Function Standby Output LVPECL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Programmable Type	Programmed as Request
Output LVPECL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Available Frequency Range	1MHz ~ 220MHz
Voltage - Supply 3.3V Frequency Stability Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 3.3V 3.3V 3.3V 425ppm - Surface Mount -20°C ~ 70°C -0.50%, Down Spread -0.50%, Down	Function	Standby
Frequency Stability (Total)	Output	LVPECL
Frequency Stability (Total) Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension	Voltage - Supply	3.3V
Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Frequency Stability	±25ppm
Spread Spectrum Bandwidth -0.50%, Down Spread Current - Supply (Max) 84mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Frequency Stability (Total)	-
Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Operating Temperature	-20°C ~ 70°C
Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Spread Spectrum Bandwidth	-0.50%, Down Spread
Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Current - Supply (Max)	84mA
Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Ratings	-
Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)	Mounting Type	Surface Mount
	Package / Case	6-SMD, No Lead
Height 0.031" (0.79mm)	Size / Dimension	0.197" L x 0.126" W (5.00mm x 3.20mm)
	Height	0.031" (0.79mm)
Report errors?		Report errors?

SIT9002AC-13H33SO 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-13H33SO Payment Methods



















SIT9002AC-13H33SO Shipping Methods













If you have any question about SIT9002AC-13H33SO, please do not hesitate to contact us!

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