



#### SIT9002AC-43H33ET Information



For Reference Only

Part Number SIT9002AC-43H33ET

**Manufacturer** SiTIME

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG HCSL 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**

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.









# SIT9002AC-43H33ET 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         HCSL           Voltage - Supply         ±25ppm           Frequency Stability         ±25ppm           Frequency Stability (Total)         -           Operating Temperature         -20°C ~ 70°C           Spread Spectrum Bandwidth         -2.00%, Down Spread           Current - Supply (Max)         80mA           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           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         HCSL           Voltage - Supply         3.3V           Frequency Stability (Total)         -           Prequency Stability (Total)         -           Operating Temperature         -20°C ~ 70°C           Spread Spectrum Bandwidth         -2.00%, Down Spread           Current - Supply (Max)         80mA           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)	Manufacturer Part Number	SIT9002AC-43H33ET
Package         6-SMD, No Lead           Series         SiT9002           Type         MEMS (Silicon)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 220MHz           Function         Enable/Disable           Output         HCSL           Voltage - Supply         3.3V           Frequency Stability         ±25ppm           Frequency Stability (Total)         -           Operating Temperature         -20°C ~ 70°C           Spread Spectrum Bandwidth         -2.00%, Down Spread           Current - Supply (Max)         80mA           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)	Manufacturer	SiTIME
Package         6-SMD, No Lead           Series         SiT9002           Type         MEMS (Silicon)           Programmable Type         Programmed as Request           Available Frequency Range         1MHz ~ 220MHz           Function         Enable/Disable           Output         HCSL           Voltage - Supply         3.3V           Frequency Stability         ±25ppm           Frequency Stability (Total)         -           Operating Temperature         -20°C ~ 70°C           Spread Spectrum Bandwidth         -2.00%, Down Spread           Current - Supply (Max)         80mA           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
Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable Output HCSL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) 80mA 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   MEMS (Silicon) Programmed as Request IMHX (Silicon) Programmed as Request  1MHz ~ 220MHz Package (Size / Dimension 0.031" (0.79mm)		Programmable Oscillators
Type MEMS (Silicon)  Programmable Type Programmed as Request  Available Frequency Range IMHz ~ 220MHz  Function Enable/Disable  Output HCSL  Voltage - Supply 3.3V  Frequency Stability ±25ppm  Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth -2.00%, Down Spread  Current - Supply (Max) 80mA  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)	Package	6-SMD, No Lead
Programmable Type Programmed as Request  Available Frequency Range 1MHz ~ 220MHz  Function Enable/Disable  Output HCSL  Voltage - Supply 3.3V  Frequency Stability ±25ppm  Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth -2.00%, Down Spread  Current - Supply (Max) 80mA  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 1MHz ~ 220MHz  Enable/Disable  1MHz ~ 220MHz  1MHz ~ 220MHz  1000	Series	SiT9002
Available Frequency Range  Function  Enable/Disable  Output  HCSL  Voltage - Supply  3.3V  Frequency Stability  Frequency Stability (Total)  Operating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  -2.00%, Down Spread  Current - Supply (Max)  Ratings  -  Mounting Type  Surface Mount  Package / Case  6-SMD, No Lead  Size / Dimension  0.031" (0.79mm)	Туре	MEMS (Silicon)
Function Enable/Disable Output HCSL Voltage - Supply 3.3V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) 80mA 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 0.0031" (0.79mm)	Programmable Type	Programmed as Request
Output HCSL  Voltage - Supply 3.3V  Frequency Stability ±25ppm  Frequency Stability (Total) - Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth -2.00%, Down Spread  Current - Supply (Max) 80mA  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 0.001" (0.79mm)	Available Frequency Range	1MHz ~ 220MHz
Voltage - Supply  3.3V  Frequency Stability  Frequency Stability (Total)  Operating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  -2.00%, Down Spread  Current - Supply (Max)  80mA  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)	Function	Enable/Disable
Frequency Stability (Total)	Output	HCSL
Frequency Stability (Total)  Operating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  -2.00%, Down Spread  Current - Supply (Max)  80mA  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)	Voltage - Supply	3.3V
Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -2.00%, Down Spread Current - Supply (Max) 80mA 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)	Frequency Stability	±25ppm
Spread Spectrum Bandwidth -2.00%, Down Spread  Current - Supply (Max) 80mA  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)	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) Height 0.031" (0.79mm)	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) Height 0.031" (0.79mm)	Spread Spectrum Bandwidth	-2.00%, 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)  Height 0.031" (0.79mm)	Current - Supply (Max)	80mA
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)	Ratings	-
Size / Dimension       0.197" L x 0.126" W (5.00mm x 3.20mm)         Height       0.031" (0.79mm)	Mounting Type	Surface Mount
Height 0.031" (0.79mm)	Package / Case	6-SMD, No Lead
	Size / Dimension	0.197" L x 0.126" W (5.00mm x 3.20mm)
Report errors?	Height	0.031" (0.79mm)
		Report errors?

### SIT9002AC-43H33ET 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-43H33ET Payment Methods



















## SIT9002AC-43H33ET Shipping Methods













If you have any question about SIT9002AC-43H33ET, please do not hesitate to contact us!

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