



### SIT9002AC-33H25DX Information



For Reference Only

Part Number SIT9002AC-33H25DX

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG CML 2.5V 25PPM 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**

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-33H25DX Specifications

Manufacturer Part Number         SIT9002AC-33H25DX           Manufacturer         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         -           Output         CML           Voltage - Supply         2.5V           Frequency Stability         ±25ppm           Frequency Stability (Total)         -           Operating Temperature         -20°C ~ 70°C           Spread Spectrum Bandwidth         -4.00%, Down Spread           Current - Supply (Max)         51mA           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         IMHz ~ 220MHz           Function         -           Output         CML           Voltage - Supply         2.5V           Frequency Stability (Total)         -           Operating Temperature         -20°C ~ 70°C           Spread Spectrum Bandwidth         -4.00%, Down Spread           Current - Supply (Max)         51mA           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-33H25DX
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Programmable Type Programmed as Request  Available Frequency Range 1MHz ~ 220MHz  Function - CML  Voltage - Supply 2.5 V  Frequency Stability ±25ppm  Frequency Stability (Total) - COME  Operating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth -4.00%, Down Spread  Current - Supply (Max) 51mA  Ratings - CME  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 0.00000000000000000000000000000000000	Series	SiT9002
Available Frequency Range  Function  CML  Coutput  Coutpu	Туре	MEMS (Silicon)
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Output CML  Voltage - Supply 2.5V  Frequency Stability ±25ppm  Frequency Stability (Total) - Operating Temperature -20°C ~70°C  Spread Spectrum Bandwidth -4.00%, Down Spread  Current - Supply (Max) 51mA  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  Frequency Stability  Frequency Stability (Total)  Operating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  -4.00%, Down Spread  Current - Supply (Max)  S1mA  Ratings  -  Mounting Type  Surface Mount  Package / Case  6-SMD, No Lead  Size / Dimension  Height  2.5V  2.5V  51mA  -4.00%, Down Spread  -4	Function	-
Frequency Stability (Total)	Output	CML
Frequency Stability (Total)  Operating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  -4.00%, Down Spread  Current - Supply (Max)  S1mA  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  -20°C ~ 70°C  -4.00%, Down Spread  -4.00%,	Voltage - Supply	2.5V
Operating Temperature -20°C ~ 70°C Spread Spectrum Bandwidth -4.00%, Down Spread Current - Supply (Max) 51mA 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
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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-33H25DX Guarantees



#### **Ouality 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-33H25DX Payment Methods





















## SIT9002AC-33H25DX Shipping Methods













If you have any question about SIT9002AC-33H25DX, please do not hesitate to contact us!

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