



#### SIT9002AI-03N33SD Information



For Reference Only

Part Number SIT9002AI-03N33SD

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG LVPECL 3.3V STBY 50PPM

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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# SIT9002AI-03N33SD Specifications

Manufacturer Part Number         SIT9002AI-03N33SD           Manufacturer         SiTIME           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         ±50ppm           Frequency Stability (Total)         -           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         ±0.50%, Center 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         ±50ppm           Frequency Stability (Total)         -           Operating Temperature         -40°C ~ 85°C           Spread Spectrum Bandwidth         ±0.50%, Center 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	SIT9002AI-03N33SD
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 ±50ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth ±0.50%, Center 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
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SeriesSiT9002TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 220MHzFunctionStandbyOutputLVPECLVoltage - Supply3.3VFrequency Stability±50ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth±0.50%, Center SpreadCurrent - Supply (Max)84mARatings-Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.197" 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 Total) - Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth ±0.50%, Center 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 ±50ppm  Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth ±0.50%, Center 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 -40°C ~ 85°C Spread Spectrum Bandwidth ±0.50%, Center Spread Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension  1MHz ~ 220MHz Standby Standb	Туре	MEMS (Silicon)
Function  Standby  Output  LVPECL  Voltage - Supply  3.3V  Frequency Stability  Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  ±0.50%, Center Spread  Current - Supply (Max)  84mA  Ratings  -  Mounting Type  Surface Mount  Package / Case  Size / Dimension  Standby  LVPECL  3.3V  ±50ppm  -  40°C ~ 85°C  Spread Spectrum Bandwidth  ±0.50%, Center Spread  6-SMD, No Lead  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 ±50ppm  Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C  Spread Spectrum Bandwidth ±0.50%, Center 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  Frequency Stability  ±50ppm  - Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  ±0.50%, Center Spread  Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  Size / Dimension  3.3V  3.3V  5.00	Function	Standby
Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  ±0.50%, Center Spread  Current - Supply (Max)  84mA  Ratings  -  Mounting Type  Surface Mount  Package / Case  6-SMD, No Lead  Size / Dimension  ±50ppm  -40°C ~ 85°C  -40°C ~	Output	LVPECL
Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C  Spread Spectrum Bandwidth  ±0.50%, Center 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)	Voltage - Supply	3.3V
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Spread Spectrum Bandwidth ±0.50%, Center 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	-40°C ~ 85°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%, Center 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?

#### SIT9002AI-03N33SD 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.

### SIT9002AI-03N33SD Payment Methods



















## SIT9002AI-03N33SD Shipping Methods













If you have any question about SIT9002AI-03N33SD, please do not hesitate to contact us!

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