



#### SIT9002AC-18N33EG Information



For Reference Only

Part Number SIT9002AC-18N33EG

**Manufacturer** SiTIME

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG LVPECL 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-18N33EG Specifications

Manufacturer Part Number         SIT9002AC-18N33EG           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         Enable/Disable           Output         LVPECL           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)         84mA           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)		
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         Enable/Disable           Output         LVPECL           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)         84mA           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)	Manufacturer Part Number	SIT9002AC-18N33EG
Package 6-SMD, No Lead Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable Output LVPECL 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) 84mA 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)	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 LVPECL  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) 84mA  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)	Category	Crystals, Oscillators, Resonators
Series SiT9002 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 220MHz Function Enable/Disable Output LVPECL 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) 84mA 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)		Programmable Oscillators
Type MEMS (Silicon)  Programmable Type Programmed as Request  Available Frequency Range 1MHz ~ 220MHz  Function Enable/Disable  Output LVPECL  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) 84mA  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)	Package	6-SMD, No Lead
Programmable Type Programmed as Request  Available Frequency Range 1MHz ~ 220MHz  Function Enable/Disable  Output LVPECL  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) 84mA  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)	Series	SiT9002
Available Frequency Range Function Enable/Disable Output LVPECL 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) Ratings - Mounting Type Surface Mount Package / Case Size / Dimension  1MHz ~ 220MHz Enable/Disable  1.0MHz 1.0M	Туре	MEMS (Silicon)
Function Enable/Disable  Output LVPECL  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) 84mA  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)	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 ±1.00%, Center Spread  Current - Supply (Max) 84mA  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)	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)  84mA  Ratings  -  Mounting Type  Surface Mount  Package / Case  6-SMD, No Lead  Size / Dimension  3.3V  3.3V  3.3V  5.30  Surface Mount  -20°C ~ 70°C  5.00  -20°C ~ 70°C  5.00  -20°C ~ 70°C  5.00  -20°C ~ 70°C  -20°C ~ 70°C	Function	Enable/Disable
Frequency Stability (Total)	Output	LVPECL
Frequency Stability (Total)  Operating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  ±1.00%, Center Spread  Current - Supply (Max)  84mA  Ratings  -  Mounting Type  Surface Mount  Package / Case  6-SMD, No Lead  Size / Dimension	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) $84\text{mA}$ Ratings-Mounting TypeSurface MountPackage / Case $6\text{-SMD}$ , No LeadSize / Dimension $0.276^{\circ}\text{L x } 0.197^{\circ}\text{W } (7.00\text{mm x } 5.00\text{mm})$	Frequency Stability	±25ppm
Spread Spectrum Bandwidth ±1.00%, Center Spread  Current - Supply (Max) 84mA  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)	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)	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)	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)	Current - Supply (Max)	84mA
Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)	Ratings	-
Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm)	Mounting Type	Surface Mount
	Package / Case	6-SMD, No Lead
Height 0.039" (1.00mm)	Size / Dimension	0.276" L x 0.197" W (7.00mm x 5.00mm)
	Height	0.039" (1.00mm)
Report errors?		Report errors?

#### SIT9002AC-18N33EG 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-18N33EG Payment Methods





















### SIT9002AC-18N33EG Shipping Methods













If you have any question about SIT9002AC-18N33EG, please do not hesitate to contact us!

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