



#### SIT9002AC-23H33DG Information



For Reference Only

Part Number SIT9002AC-23H33DG

**Manufacturer** SiTIME

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG LVDS 3.3V 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-23H33DG Specifications

Manufacturer Part Number         SIT9002AC-23H33DG           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         LVDS           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)         85mA           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)		
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Type MEMS (Silicon)  Programmable Type Programmed as Request  Available Frequency Range IMHz ~ 220MHz  Function -  Output LVDS  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) 85mA  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)	Package	6-SMD, No Lead
Programmable Type Programmed as Request  Available Frequency Range 1MHz ~ 220MHz  Function - Cutput LVDS  Voltage - Supply 3.3V  Frequency Stability ±25ppm  Frequency Stability (Total) - Coperating Temperature -20°C ~ 70°C  Spread Spectrum Bandwidth ±1.00%, Center Spread  Current - Supply (Max) 85mA  Ratings - 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
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Function - Cutput LVDS  Voltage - Supply 3.3V  Frequency Stability ±25ppm  Frequency Stability (Total) - Current - Supply (Max) 85mA  Ratings - Supply (Max) 85mA  Ratings - Surface Mount  Package / Case 6-SMD, No Lead  Size / Dimension 0.031" (0.79mm)	Programmable Type	Programmed as Request
OutputLVDSVoltage - Supply3.3VFrequency Stability±25ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth±1.00%, Center SpreadCurrent - Supply (Max)85mARatings-Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Available Frequency Range	1MHz ~ 220MHz
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Frequency Stability (Total)	Output	LVDS
Frequency Stability (Total)  Operating Temperature  -20°C ~ 70°C  Spread Spectrum Bandwidth  ±1.00%, Center Spread  Current - Supply (Max)  85mA  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	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) $85\text{mA}$ Ratings-Mounting TypeSurface MountPackage / Case $6\text{-SMD}$ , No LeadSize / Dimension $0.197$ " L x $0.126$ " W ( $5.00\text{mm}$ x $3.20\text{mm}$ )Height $0.031$ " ( $0.79\text{mm}$ )	Frequency Stability	±25ppm
Spread Spectrum Bandwidth ±1.00%, Center Spread  Current - Supply (Max) 85mA  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
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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-23H33DG 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-23H33DG Payment Methods



















## SIT9002AC-23H33DG Shipping Methods













If you have any question about SIT9002AC-23H33DG, please do not hesitate to contact us!

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