



#### SIT9002AC-23H25DB Information



For Reference Only

Part Number SIT9002AC-23H25DB

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROG LVDS 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-23H25DB Specifications

Manufacturer Part Number         SIT9002AC-23H25DB           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         -           Output         LVDS           Voltage - Supply         2.5V           Frequency Stability         ±25ppm           Frequency Stability (Total)         -           Operating Temperature         -20°C ~ 70°C           Spread Spectrum Bandwidth         ±0.25%, Center Spread           Current - Supply (Max)         77mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         6-SMD, No Lead           Size / Dimension         0.197" Lx 0.126" W (5.00mm x 3.20mm)           Height         0.031" (0.79mm)    Report errors?		
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         -           Output         LVDS           Voltage - Supply         ±25 pm           Frequency Stability (Total)         -           Operating Temperature         -20°C ~ 70°C           Spread Spectrum Bandwidth         ±0.25%, Center Spread           Current - Supply (Max)         77mA           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-23H25DB
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Function - LVDS  Voltage - Supply 2.5V  Frequency Stability ±25ppm  Frequency Stability (Total) - CO°C ~ 70°C  Spread Spectrum Bandwidth ±0.25%, Center Spread  Current - Supply (Max) 77mA  Ratings - Curdent Supply (Max) - CO°C & C°C & CO°C & C°C & CO°C & C°C & CO°C & C°C &	Programmable Type	Programmed as Request
OutputLVDSVoltage - Supply2.5VFrequency Stability±25ppmFrequency Stability (Total)-Operating Temperature-20°C ~ 70°CSpread Spectrum Bandwidth±0.25%, Center SpreadCurrent - Supply (Max)77mARatings-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
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth -20°C ~ 70°C Spread Spectrum Bandwidth ±0.25%, Center Spread Current - Supply (Max) 77mA 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	-
Frequency Stability (Total)	Output	LVDS
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Operating Temperature $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Spread Spectrum Bandwidth $\pm 0.25\%$ , Center SpreadCurrent - Supply (Max) $77\text{mA}$ 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
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Report errors?	Height	0.031" (0.79mm)
· ·		Report errors?

#### SIT9002AC-23H25DB 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-23H25DB Payment Methods



















### SIT9002AC-23H25DB Shipping Methods













If you have any question about SIT9002AC-23H25DB, please do not hesitate to contact us!

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