

# SIT8009AI-31-XXX-000.FP000

### SIT8009AI-31-XXX-000.FP000 Information



For Reference Only

Part Number SIT8009AI-31-XXX-000.FP000

**Manufacturer** SiTIME

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** OSC PROGRAMMABLE 5032

Package 4-SMD, No Lead

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

## **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.









# SIT8009AI-31-XXX-000.FP000 Specifications

Manufacturer Part Number         STT8009AI-31-XXX-000.FP000           Manufacturer         SiTIME           Category         Crystals, Oscillators, Resonators           Programmable Oscillators         Programmable Oscillators           Package         4-SMD, No Lead           Series         SiT8009           Type         MEMS (Silicon)           Programmable Type         Blank (User Must Program)           Available Frequency Range         115MHz ~ 137MHz           Function         Enable/Disable, Standby           Output         LVCMOS           Voltage - Supply         1.8V, 2.5 V ~ 3.3 V           Frequency Stability         ±20ppm, ±25ppm, ±50ppm           Frequency Stability (Total)         -           Operating Temperature         40°C ~ 85°C, -20°C ~ -40°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         7.5mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-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         4-SMD, No Lead           Series         SiT8009           Type         MEMS (Silicon)           Programmable Type         Blank (User Must Program)           Available Frequency Range         115MHz ~ 137MHz           Function         Enable/Disable, Standby           Output         LVCMOS           Voltage - Supply         1.8V, 2.5 V ~ 3.3 V           Frequency Stability         ±20ppm, ±25ppm, ±50ppm           Frequency Stability (Total)         -           Operating Temperature         -40°C ~ 85°C, -20°C ~ -40°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         7.5mA           Ratings         -           Mounting Type         Surface Mount           Package / Case         4-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	SIT8009AI-31-XXX-000.FP000
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Programmable Type  Available Frequency Range  115MHz ~ 137MHz  Function  Enable/Disable, Standby  Output  LVCMOS  Voltage - Supply  1.8V, 2.5 V ~ 3.3 V  Frequency Stability  ±20ppm, ±25ppm, ±50ppm  Frequency Stability (Total)  - Operating Temperature  -40°C ~ 85°C, -20°C ~ -40°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  0.031" (0.79mm)	Series	SiT8009
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Function Enable/Disable, Standby  Output LVCMOS  Voltage - Supply 1.8V, 2.5 V ~ 3.3 V  Frequency Stability ±20ppm, ±25ppm, ±50ppm  Frequency Stability (Total) -  Operating Temperature -40°C ~ 85°C, -20°C ~ -40°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 7.5mA  Ratings -  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm)  Height 0.0031" (0.79mm)	Programmable Type	Blank (User Must Program)
OutputLVCMOSVoltage - Supply1.8V, 2.5 V ~ 3.3 VFrequency Stability±20ppm, ±25ppm, ±50ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°C, -20°C ~ -40°CSpread Spectrum Bandwidth-Current - Supply (Max)7.5mARatings-Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.031" (0.79mm)	Available Frequency Range	115MHz ~ 137MHz
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Frequency Stability (Total)	Output	LVCMOS
Frequency Stability (Total)  Operating Temperature  -40°C ~ 85°C, -20°C ~ -40°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  Ratings  - Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  0.197" L x 0.126" W (5.00mm x 3.20mm)  Height  -40°C ~ 85°C, -20°C ~ -40°C  -4	Voltage - Supply	1.8V, 2.5 V ~ 3.3 V
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Height 0.031" (0.79mm)	Package / Case	4-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?

### SIT8009AI-31-XXX-000.FP000 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.

### SIT8009AI-31-XXX-000.FP000 Payment Methods



















### SIT8009AI-31-XXX-000.FP000 Shipping Methods













If you have any question about SIT8009AI-31-XXX-000.FP000, please do not hesitate to contact us!

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