

# SIT8924BA-21-XXX-000.FP0000G

#### SIT8924BA-21-XXX-000.FP0000G Information



For Reference Only

Part Number SIT8924BA-21-XXX-000.FP0000G

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

**Programmable Oscillators** 

**Description** PROG OSC BLANK 1MHZ-110MHZ

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.









# SIT8924BA-21-XXX-000.FP0000G Specifications

Manufacturer Part Number         SITS924BA-21-XXX-000.FP0000G           Manufacturer         SiTIME           Category         Crystals, Oscillators, Resonators           Package         4-SMD, No Lead           Series         SiT8924B           Type         MEMS (Silicon)           Programmable Type         Blank (User Must Program)           Available Frequency Range         1MHz ~ 110MHz           Function         -           Output         LVCMOS           Voltage - Supply         1.8V, 2.5 V ~ 3.3 V           Frequency Stability         ±20ppm           Frequency Stability (Total)         ±20ppm           Operating Temperature         -40°C ~ 125°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         4.8mA           Ratings         AEC-Q100           Mounting Type         Surface Mount           Package / Case         4.5MD, No Lead           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height         0.031" (0.80mm)		
Category         Crystals, Oscillators, Resonators           Programmable Oscillators           Package         4-SMD, No Lead           Series         SiT8924B           Type         MEMS (Silicon)           Programmable Type         Blank (User Must Program)           Available Frequency Range         1MHz ~ 110MHz           Function         -           Output         LVCMOS           Voltage - Supply         1.8V, 2.5 V ~ 3.3 V           Frequency Stability (Total)         ±20ppm           Frequency Stability (Total)         ±20ppm           Operating Temperature         -40°C ~ 125°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         4.8mA           Ratings         AEC-Q100           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height         0.031" (0.80mm)	Manufacturer Part Number	SIT8924BA-21-XXX-000.FP0000G
Package         4-SMD, No Lead           Series         SiT8924B           Type         MEMS (Silicon)           Programmable Type         Blank (User Must Program)           Available Frequency Range         1MHz ~ 110MHz           Function         -           Output         LVCMOS           Voltage - Supply         1.8V, 2.5 V ~ 3.3 V           Frequency Stability         ±20ppm           Frequency Stability (Total)         ±20ppm           Operating Temperature         -40°C ~ 125°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         4.8mA           Ratings         AEC-Q100           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height         0.031" (0.80mm)	Manufacturer	SiTIME
Package         4-SMD, No Lead           Series         SiT8924B           Type         MEMS (Silicon)           Programmable Type         Blank (User Must Program)           Available Frequency Range         1MHz ~ 110MHz           Function         -           Output         LVCMOS           Voltage - Supply         1.8V, 2.5 V ~ 3.3 V           Frequency Stability         ±20ppm           Frequency Stability (Total)         ±20ppm           Operating Temperature         -40°C ~ 125°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         4.8mA           Ratings         AEC-Q100           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height         0.031" (0.80mm)	Category	Crystals, Oscillators, Resonators
Series         SiT8924B           Type         MEMS (Silicon)           Programmable Type         Blank (User Must Program)           Available Frequency Range         1MHz ~ 110MHz           Function         -           Output         LVCMOS           Voltage - Supply         1.8V, 2.5 V ~ 3.3 V           Frequency Stability         ±20ppm           Frequency Stability (Total)         ±20ppm           Operating Temperature         -40°C ~ 125°C           Spread Spectrum Bandwidth         -           Current - Supply (Max)         4.8mA           Ratings         AEC-Q100           Mounting Type         Surface Mount           Package / Case         4-SMD, No Lead           Size / Dimension         0.126" L x 0.098" W (3.20mm x 2.50mm)           Height         0.031" (0.80mm)		Programmable Oscillators
Type MEMS (Silicon)  Programmable Type Blank (User Must Program)  Available Frequency Range 1MHz ~ 110MHz  Function -  Output LVCMOS  Voltage - Supply 1.8V, 2.5 V ~ 3.3 V  Frequency Stability ±20ppm  Frequency Stability (Total) ±20ppm  Operating Temperature 40°C ~ 125°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 4.8mA  Ratings AEC-Q100  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.031" (0.80mm)	Package	4-SMD, No Lead
Programmable Type  Blank (User Must Program)  Available Frequency Range  1MHz ~ 110MHz  Function  -  Output  LVCMOS  Voltage - Supply  1.8V, 2.5 V ~ 3.3 V  Frequency Stability  ±20ppm  Frequency Stability (Total)  -  Operating Temperature  -40°C ~ 125°C  Spread Spectrum Bandwidth  -  Current - Supply (Max)  AEC-Q100  Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  0.126" L x 0.098" W (3.20mm x 2.50mm)  Height	Series	SiT8924B
Available Frequency Range  IMHz ~ 110MHz  Function  Cutput  LVCMOS  Voltage - Supply  1.8V, 2.5 V ~ 3.3 V  Frequency Stability  Frequency Stability (Total)  Operating Temperature  -40°C ~ 125°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  ABMA  Ratings  AEC-Q100  Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  0.031" (0.80mm)  INHEZ * 110MHz  - 100MHz  - 100MHz	Type	MEMS (Silicon)
Function - Cutput LVCMOS  Voltage - Supply 1.8V, 2.5 V ~ 3.3 V  Frequency Stability ±20ppm  Frequency Stability (Total) ±20ppm  Operating Temperature -40°C ~ 125°C  Spread Spectrum Bandwidth - Current - Supply (Max) 4.8mA  Ratings AEC-Q100  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.001" (0.80mm)	Programmable Type	Blank (User Must Program)
Output LVCMOS  Voltage - Supply 1.8V, 2.5 V ~ 3.3 V  Frequency Stability ±20ppm  Frequency Stability (Total) ±20ppm  Operating Temperature -40°C ~ 125°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 4.8mA  Ratings AEC-Q100  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.031" (0.80mm)	Available Frequency Range	1MHz ~ 110MHz
Voltage - Supply $1.8V, 2.5 V \sim 3.3 V$ Frequency Stability $\pm 20$ ppm  Frequency Stability (Total) $\pm 20$ ppm  Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Spread Spectrum Bandwidth $-$ Current - Supply (Max) $4.8\text{mA}$ Ratings $AEC-Q100$ Mounting Type $Surface Mount$ Package / Case $4-SMD$ , No Lead  Size / Dimension $0.126^{\circ}\text{L} \times 0.098^{\circ}\text{W} (3.20\text{mm} \times 2.50\text{mm})$ Height $0.031^{\circ} (0.80\text{mm})$	Function	-
Frequency Stability (Total) ±20ppm  Operating Temperature -40°C ~ 125°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 4.8mA  Ratings AEC-Q100  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.031" (0.80mm)	Output	LVCMOS
Frequency Stability (Total)  Derating Temperature  -40°C ~ 125°C  Spread Spectrum Bandwidth  - Current - Supply (Max)  AEC-Q100  Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  0.126" L x 0.098" W (3.20mm x 2.50mm)  Height  4-S00  0.031" (0.80mm)	Voltage - Supply	1.8V, 2.5 V ~ 3.3 V
Operating Temperature -40°C ~ 125°C  Spread Spectrum Bandwidth -  Current - Supply (Max) 4.8mA  Ratings AEC-Q100  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.031" (0.80mm)	Frequency Stability	±20ppm
Spread Spectrum Bandwidth  Current - Supply (Max)  Ratings  AEC-Q100  Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  0.126" L x 0.098" W (3.20mm x 2.50mm)  Height  0.031" (0.80mm)	Frequency Stability (Total)	±20ppm
Current - Supply (Max)  AEC-Q100  Mounting Type  Surface Mount  Package / Case  4-SMD, No Lead  Size / Dimension  0.126" L x 0.098" W (3.20mm x 2.50mm)  Height  0.031" (0.80mm)	Operating Temperature	-40°C ~ 125°C
Ratings AEC-Q100  Mounting Type Surface Mount  Package / Case 4-SMD, No Lead  Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.031" (0.80mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount  Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm)  Height 0.031" (0.80mm)	Current - Supply (Max)	4.8mA
Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.031" (0.80mm)	Ratings	AEC-Q100
Size / Dimension       0.126" L x 0.098" W (3.20mm x 2.50mm)         Height       0.031" (0.80mm)	Mounting Type	Surface Mount
Height 0.031" (0.80mm)	Package / Case	4-SMD, No Lead
	Size / Dimension	0.126" L x 0.098" W (3.20mm x 2.50mm)
Report errors?	Height	0.031" (0.80mm)
		Report errors?

#### SIT8924BA-21-XXX-000.FP0000G 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.

### SIT8924BA-21-XXX-000.FP0000G Payment Methods



















## SIT8924BA-21-XXX-000.FP0000G Shipping Methods













If you have any question about SIT8924BA-21-XXX-000.FP0000G, please do not hesitate to contact us!

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