



SIT2024BARS-28N Information



For Reference Only

Part Number SIT2024BARS-28N

Manufacturer SiTIME

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description PROG OSC BLANK 1MHZ-110MHZ

Package SC-74A, SOT-753

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.









SIT2024BARS-28N Specifications

Category Crystals, Oscillators, Resonators Package SC-74A, SOT-753 Series SiT2024B Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range - Function - Output LVCMOS Voltage - Supply 2.8V Frequency Stability ±25ppm Frequency Stability (Total) ±25ppm Operating Temperature -40°C ~ 125°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.8mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm)		
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Series SiT2024B Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range - Function - Output LVCMOS Voltage - Supply 2.8V Frequency Stability ±25ppm Frequency Stability (Total) ±25ppm Operating Temperature -40°C ~ 125°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.8mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm)		Programmable Oscillators
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Available Frequency Range Function Output LVCMOS Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension Height - LVCMOS - LVCMOS - LVCMOS - 4.8WA 4.8WA AEC-Q100 Surface Mount SC-74A, SOT-753 Size / Dimension O.114" L x 0.063" W (2.90mm x 1.60mm) O.057" (1.45mm)	Туре	MEMS (Silicon)
Function Output LVCMOS Voltage - Supply 2.8V Frequency Stability ±25ppm Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case Size / Dimension Height - CVCMOS LVCMOS	Programmable Type	Programmed as Request
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Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Operating Spectrum Bandwidth - Current - Supply (Max) AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension Height 2.8V ±25ppm -40°C ~ 125°C -40°C ~ 125°C	Function	-
Frequency Stability (Total) ±25ppm Operating Temperature -40°C ~ 125°C Spread Spectrum Bandwidth - Current - Supply (Max) 4.8mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height +25ppm ±25ppm ±25ppm ±25ppm 4.8mA AEC-Q100 Surface Mount Surface Mount 90.057" (1.45mm)	Output	LVCMOS
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Operating Temperature -40°C ~ 125°C Spread Spectrum Bandwidth - Current - Supply (Max) AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm)	Frequency Stability	±25ppm
Spread Spectrum Bandwidth Current - Supply (Max) AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height	Frequency Stability (Total)	±25ppm
Current - Supply (Max) 4.8mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm)	Operating Temperature	-40°C ~ 125°C
Ratings AEC-Q100 Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm)	Current - Supply (Max)	4.8mA
Package / Case SC-74A, SOT-753 Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm)	Ratings	AEC-Q100
Size / Dimension 0.114" L x 0.063" W (2.90mm x 1.60mm) Height 0.057" (1.45mm)	Mounting Type	Surface Mount
Height 0.057" (1.45mm)	Package / Case	SC-74A, SOT-753
	Size / Dimension	0.114" L x 0.063" W (2.90mm x 1.60mm)
Report errors?	Height	0.057" (1.45mm)
		Report errors?

SIT2024BARS-28N 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.

SIT2024BARS-28N Payment Methods





















SIT2024BARS-28N Shipping Methods













If you have any question about SIT2024BARS-28N, please do not hesitate to contact us!

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