



DSC8121AI5T Information



For Reference Only

Part Number DSC8121AI5T

Manufacturer Microchip Technology

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC MEMS BLANK CMOS

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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DSC8121AI5T Specifications

Manufacturer Part Number DSC8121AIST Manufacturer Microchip Technology Category Crystals, Oscillators, Resonators Programmable Oscillators Package 6-SMD, No Lead Series DSC8121 Type MEMS (Silicon) Programmable Type Blank (User Must Program) Available Frequency Range 10MHz ~ 100MHz Function Enable/Disable Output CMOS Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 35mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.035" (0.90mm)		
Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series DSC8121 Type MEMS (Silicon) Programmable Type Blank (User Must Program) Available Frequency Range 10MHz ~ 100MHz Function Enable/Disable Output CMOS Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 35mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.035" (0.90mm)	Manufacturer Part Number	DSC8121AI5T
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Series DSC8121 Type MEMS (Silicon) Programmable Type Blank (User Must Program) Available Frequency Range 10MHz ~ 100MHz Function Enable/Disable Output CMOS Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 35mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.035" (0.90mm)		Programmable Oscillators
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Available Frequency Range Function Enable/Disable Output CMOS Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability #10ppm Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height	Туре	MEMS (Silicon)
Function Enable/Disable Output CMOS Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability ±10ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 35mA Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.005" (0.90mm)	Programmable Type	Blank (User Must Program)
OutputCMOSVoltage - Supply $2.25 \text{ V} \sim 3.6 \text{ V}$ Frequency Stability $\pm 10 \text{ppm}$ Frequency Stability (Total)-Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Spread Spectrum Bandwidth-Current - Supply (Max) 35mA Ratings-Mounting TypeSurface MountPackage / Case 6-SMD , No LeadSize / Dimension $0.276^{\circ}\text{L} \times 0.197^{\circ}\text{W} (7.00 \text{mm} \times 5.00 \text{mm})$ Height 0.035° (0.90 mm)	Available Frequency Range	10MHz ~ 100MHz
Voltage - Supply $2.25 \text{ V} \sim 3.6 \text{ V}$ Frequency Stability $\pm 10 \text{ppm}$ Frequency Stability (Total) - Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Spread Spectrum Bandwidth - Current - Supply (Max) 35mA Ratings - Mounting Type Surface Mount Package / Case $6-\text{SMD}$, No Lead Size / Dimension $0.276^{\circ}\text{L x } 0.197^{\circ}\text{W } (7.00 \text{mm x } 5.00 \text{mm})$ Height 0.035° (0.90 mm)	Function	Enable/Disable
Frequency Stability (Total)	Output	CMOS
Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height - 0.035" (0.90mm)	Voltage - Supply	2.25 V ~ 3.6 V
Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.035" (0.90mm)	Frequency Stability	±10ppm
Spread Spectrum Bandwidth Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.035" (0.90mm)	Frequency Stability (Total)	-
Current - Supply (Max) Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.035" (0.90mm)	Operating Temperature	-40°C ~ 85°C
Ratings - Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.035" (0.90mm)	Spread Spectrum Bandwidth	-
Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.035" (0.90mm)	Current - Supply (Max)	35mA
Package / Case 6-SMD, No Lead Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.035" (0.90mm)	Ratings	-
Size / Dimension 0.276" L x 0.197" W (7.00mm x 5.00mm) Height 0.035" (0.90mm)	Mounting Type	Surface Mount
Height 0.035" (0.90mm)	Package / Case	6-SMD, No Lead
-	Size / Dimension	0.276" L x 0.197" W (7.00mm x 5.00mm)
Report errors?	Height	0.035" (0.90mm)
		Report errors?

DSC8121AI5T 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.

DSC8121AI5T Payment Methods





















DSC8121AI5T Shipping Methods













If you have any question about DSC8121AI5T, please do not hesitate to contact us!

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