

DSC8001BI5-PROGRAMMABLE

DSC8001BI5-PROGRAMMABLE Information



For Reference Only

Part Number DSC8001BI5-PROGRAMMABLE

Manufacturer Microchip Technology

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG CMOS 1.8V-3.3V STBY SMD

Package 4-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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DSC8001BI5-PROGRAMMABLE Specifications

Manufacturer Part Number DSC8001B15-PROGRAMMABLE Manufacturer Microchip Technology Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series DSC8001 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 150MHz Function Standby Output CMOS Voltage - Supply 1.8 V ~ 3.3 V Frequency Stability - Frequency Stability (Total) ±10ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 12.2mA Ratings AEC-Q100 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 0.035" (0.90mm)		
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Series DSC8001 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 1MHz ~ 150MHz Function Standby Output CMOS Voltage - Supply 1.8 V ~ 3.3 V Frequency Stability - Frequency Stability (Total) ±10ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 12.2mA Ratings AEC-Q100 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 0.035" (0.90mm)		Programmable Oscillators
TypeMEMS (Silicon)Programmable TypeProgrammed as RequestAvailable Frequency Range1MHz ~ 150MHzFunctionStandbyOutputCMOSVoltage - Supply1.8 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±10ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)12.2mARatingsAEC-Q100Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.035" (0.90mm)	Package	4-SMD, No Lead
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Available Frequency Range Function Standby Output CMOS Voltage - Supply 1.8 V ~ 3.3 V Frequency Stability Frequency Stability (Total) Operating Temperature Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case Size / Dimension On 100 MHz ~ 150MHz Standby Stand	Туре	MEMS (Silicon)
Function Standby Output CMOS Voltage - Supply 1.8 V ~ 3.3 V Frequency Stability - Frequency Stability (Total) ±10ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 12.2mA Ratings AEC-Q100 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 0.0055" (0.90mm)	Programmable Type	Programmed as Request
OutputCMOSVoltage - Supply1.8 V ~ 3.3 VFrequency Stability-Frequency Stability (Total)±10ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)12.2mARatingsAEC-Q100Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.035" (0.90mm)	Available Frequency Range	1MHz ~ 150MHz
Voltage - Supply Frequency Stability Frequency Stability (Total) Operating Temperature Spread Spectrum Bandwidth - Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case Size / Dimension Height 1.8 V ~ 3.3 V 1.8 V ~ 3.3 V 1.8 U ~ 3.3 V 1.8 U ~ 3.3 V 1.8 V ~ 3.3 V 1.9 Pm 4-SN°C AFC-Q100 Surface Mount 9 Surface Mount 1.8 V ~ 3.3 V 1.8 V ~ 3.2 V 1.8 V ~ 3.3 V 1.8 V ~ 3.2 V 1.8 V ~ 3.3 V 1.8 V ~ 3.2 V 1.8 V ~ 3.3 V 1.8 V ~ 3.2 V 1.8 V ~ 3.3 V 1.8 V ~ 3.2	Function	Standby
Frequency Stability (Total) ±10ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 12.2mA Ratings AEC-Q100 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 0.035" (0.90mm)	Output	CMOS
Frequency Stability (Total) ± 10 ppm Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Spread Spectrum Bandwidth $-$ Current - Supply (Max) 12.2mA Ratings $AEC-Q100$ Mounting Type $Surface Mount$ Package / Case $4-SMD$, No Lead Size / Dimension $0.197'' \text{L x } 0.126'' \text{W } (5.00\text{mm x } 3.20\text{mm})$ Height $0.035'' (0.90\text{mm})$	Voltage - Supply	1.8 V ~ 3.3 V
Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings AEC-Q100 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 0.035" (0.90mm)	Frequency Stability	-
Spread Spectrum Bandwidth Current - Supply (Max) Ratings AEC-Q100 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 0.035" (0.90mm)	Frequency Stability (Total)	±10ppm
Current - Supply (Max) Ratings AEC-Q100 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 0.035" (0.90mm)	Operating Temperature	-40°C ~ 85°C
Ratings AEC-Q100 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 0.035" (0.90mm)	Spread Spectrum Bandwidth	-
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 0.035" (0.90mm)	Current - Supply (Max)	12.2mA
Package / Case 4-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.035" (0.90mm)	Ratings	AEC-Q100
Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.035" (0.90mm)	Mounting Type	Surface Mount
Height 0.035" (0.90mm)	Package / Case	4-SMD, No Lead
	Size / Dimension	0.197" L x 0.126" W (5.00mm x 3.20mm)
Report errors?	Height	0.035" (0.90mm)
Report errors.		Report errors?

DSC8001BI5-PROGRAMMABLE 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.

DSC8001BI5-PROGRAMMABLE Payment Methods



















DSC8001BI5-PROGRAMMABLE Shipping Methods













If you have any question about DSC8001BI5-PROGRAMMABLE, please do not hesitate to contact us!

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