



DSC8101BI2T Information



For Reference Only

Part Number DSC8101BI2T

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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DSC8101BI2T Specifications

Manufacturer Part Number DSC8101B12T Manufacturer Microchip Technology Category Crystals, Oscillators, Resonators Package 6-SMD, No Lead Series DSC8101 Type MEMS (Silicon) Programmable Type Blank (User Must Program) Available Frequency Range 10MHz ~ 100MHz Function Standby Output CMOS Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 35mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 6-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 DSC8101 Type MEMS (Silicon) Programmable Type Blank (User Must Program) Available Frequency Range 10MHz ~ 100MHz Function Standby Output CMOS Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 35mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 6-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 TypeBlank (User Must Program)Available Frequency Range10MHz ~ 100MHzFunctionStandbyOutputCMOSVoltage - Supply2.25 V ~ 3.6 VFrequency Stability±25ppmFrequency Stability (Total)-Operating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)35mARatingsAEC-Q100Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.197" L x 0.126" W (5.00mm x 3.20mm)Height0.035" (0.90mm)	Package	6-SMD, No Lead
Programmable Type Available Frequency Range 10MHz ~ 100MHz Function Standby Output CMOS 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 Blank (User Must Program) Blank (User Must Program) 8 lank (User Must Program) 8 canbus 4 comos 8 soc 9 comos 8 lank (User Must Program) 4 comos 8 standby 9 comos 9 comos 8 lank (User Must Program) 9 comos 8 lank (User Must Program) 9 comos 8 standby 9 comos 8 lank (User Must Program) 9 comos 8 lank (User Must Program) 9 comos 8 lank (User Must Program) 9 comos	Series	DSC8101
Available Frequency Range Function Standby Output CMOS Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height	Туре	MEMS (Silicon)
Function Standby Output CMOS Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 35mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.005" (0.90mm)	Programmable Type	Blank (User Must Program)
Output CMOS Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability ±25ppm Frequency Stability (Total) - Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 35mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.035" (0.90mm)	Available Frequency Range	10MHz ~ 100MHz
Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) SamA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 2.25 V ~ 3.6 V 2.25 V ~ 3.6 V 2.25 V ~ 3.6 V 425ppm -40°C ~ 85°C Spread Spectrum Sandwidth - Current - Supply (Max) 35mA AEC-Q100 Surface Mount 6-SMD, No Lead 0.197" L x 0.126" W (5.00mm x 3.20mm)	Function	Standby
Frequency Stability (Total)	Output	CMOS
Frequency Stability (Total) Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height - Overating Temperature -40°C ~ 85°C -40°C	Voltage - Supply	2.25 V ~ 3.6 V
Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.197" L x 0.126" W (5.00mm x 3.20mm) Height 0.035" (0.90mm)	Frequency Stability	±25ppm
Spread Spectrum Bandwidth Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 6-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)	-
Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 6-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 6-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 6-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)	35mA
Package / Case 6-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	6-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?

DSC8101BI2T 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.

DSC8101BI2T Payment Methods



















DSC8101BI2T Shipping Methods













If you have any question about DSC8101BI2T, please do not hesitate to contact us!

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