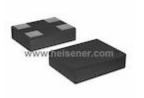




DSC6102CI1A-000.0000 Information



For Reference Only

Part Number DSC6102CI1A-000.0000
Manufacturer Microchip Technology

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description PROG OSC 1MHZ-100MHZ CMOS

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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DSC6102CI1A-000.0000 Specifications

Manufacturer Part Number DSC6102C11A-000.0000 Manufacturer Microchip Technology Category Crystals, Oscillators, Resonators Programmable Oscillators Programmable Oscillators Package 4-SMD, No Lead Series DSC6100 Type MEMS (Silicon) Programmable Type Blank (User Must Program) Available Frequency Range 1MHz ~ 100MHz Function Enable/Disable Output CMOS Voltage - Supply 1.71 V ~ 3.63 V Frequency Stability - Frequency Stability (Total) ±50ppm Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3mA (Typ) 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 0.035" (0.90mm)		
Category Crystals, Oscillators, Resonators Package 4-SMD, No Lead Series DSC6100 Type MEMS (Silicon) Programmable Type Blank (User Must Program) Available Frequency Range 1MHz ~ 100MHz Function Enable/Disable Output CMOS Voltage - Supply 1.71 V ~ 3.63 V Frequency Stability - Frequency Stability (Total) ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3mA (Typ) 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 0.035" (0.90mm)	Manufacturer Part Number	DSC6102CI1A-000.0000
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TypeMEMS (Silicon)Programmable TypeBlank (User Must Program)Available Frequency Range1MHz ~ 100MHzFunctionEnable/DisableOutputCMOSVoltage - Supply1.71 V ~ 3.63 VFrequency Stability-Frequency Stability (Total)±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)3mA (Typ)RatingsAEC-Q100Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.035" (0.90mm)	Package	4-SMD, No Lead
Programmable Type Blank (User Must Program) Available Frequency Range 1MHz ~ 100MHz Function Enable/Disable Output CMOS Voltage - Supply 1.71 V ~ 3.63 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 4-SMD, No Lead Size / Dimension 0.035" (0.90mm)	Series	DSC6100
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Function Enable/Disable Output CMOS Voltage - Supply 1.71 V ~ 3.63 V Frequency Stability - Frequency Stability (Total) ±50ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 3mA (Typ) 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 0.005" (0.90mm)	Programmable Type	Blank (User Must Program)
OutputCMOSVoltage - Supply1.71 V ~ 3.63 VFrequency Stability-Frequency Stability (Total)±50ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)3mA (Typ)RatingsAEC-Q100Mounting TypeSurface MountPackage / Case4-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.035" (0.90mm)	Available Frequency Range	1MHz ~ 100MHz
Voltage - Supply 1.71 V ~ 3.63 V Frequency Stability	Function	Enable/Disable
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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 0.126" L x 0.098" W (3.20mm x 2.50mm) 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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.035" (0.90mm)	Frequency Stability (Total)	±50ppm
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 0.035" (0.90mm)	Operating Temperature	-40°C ~ 85°C
Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.035" (0.90mm)	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 0.035" (0.90mm)	Current - Supply (Max)	3mA (Typ)
Package / Case 4-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.035" (0.90mm)	Ratings	AEC-Q100
Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.035" (0.90mm)	Mounting Type	Surface Mount
Height 0.035" (0.90mm)	Package / Case	4-SMD, No Lead
, , ,	Size / Dimension	0.126" L x 0.098" W (3.20mm x 2.50mm)
Report errors?	Height	0.035" (0.90mm)
		Report errors?

DSC6102CI1A-000.0000 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.

DSC6102CI1A-000.0000 Payment Methods





















DSC6102CI1A-000.0000 Shipping Methods













If you have any question about DSC6102CI1A-000.0000, please do not hesitate to contact us!

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