

DSC8103CI2-PROGRAMMABLE

DSC8103CI2-PROGRAMMABLE Information



For Reference Only

Part Number DSC8103CI2-PROGRAMMABLE

Manufacturer Microchip Technology

Category Crystals, Oscillators, Resonators

Programmable Oscillators

Description OSC PROG LVDS 2.25V-3.6V STBY

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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DSC8103CI2-PROGRAMMABLE Specifications

Manufacturer Part Number DSC8103C12-PROGRAMMABLE Manufacturer Microchip Technology Category Crystals, Oscillators, Resonators Programmable Oscillators Package 6-SMD, No Lead Series DSC8103 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 10MHz ~ 460MHz Function Standby Output LVDS Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability - Frequency Stability (Total) ±25ppm Operating Temperature 40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 32mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 6-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 Programmable Oscillators Package 6-SMD, No Lead Series DSC8103 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 10MHz ~ 460MHz Function Standby Output LVDS Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability - Frequency Stability (Total) ±25ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 32mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 6-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	DSC8103CI2-PROGRAMMABLE
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Series DSC8103 Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 10MHz ~ 460MHz Function Standby Output LVDS Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability - Frequency Stability (Total) ±25ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 32mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.035" (0.90mm)		Programmable Oscillators
Type MEMS (Silicon) Programmable Type Programmed as Request Available Frequency Range 10MHz ~ 460MHz Function Standby Output LVDS Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability - Frequency Stability (Total) ±25ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 32mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.035" (0.90mm)	Package	6-SMD, No Lead
Programmable Type Programmed as Request Available Frequency Range 10MHz ~ 460MHz Function Standby Output LVDS Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability - Frequency Stability (Total) ±25ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 32mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.0055	Series	DSC8103
Available Frequency Range Function Standby Output LVDS 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 6-SMD, No Lead Size / Dimension 0.035" (0.90mm)	Туре	MEMS (Silicon)
Function Standby Output LVDS Voltage - Supply 2.25 V ~ 3.6 V Frequency Stability - Frequency Stability (Total) ±25ppm Operating Temperature -40°C ~ 85°C Spread Spectrum Bandwidth - Current - Supply (Max) 32mA Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.005" (0.90mm)	Programmable Type	Programmed as Request
OutputLVDSVoltage - Supply2.25 V ~ 3.6 VFrequency Stability-Frequency Stability (Total)±25ppmOperating Temperature-40°C ~ 85°CSpread Spectrum Bandwidth-Current - Supply (Max)32mARatingsAEC-Q100Mounting TypeSurface MountPackage / Case6-SMD, No LeadSize / Dimension0.126" L x 0.098" W (3.20mm x 2.50mm)Height0.035" (0.90mm)	Available Frequency Range	10MHz ~ 460MHz
Voltage - Supply 2.25 V \sim 3.6 V Frequency Stability - Frequency Stability (Total) \pm 25ppm Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Spread Spectrum Bandwidth - Current - Supply (Max) 32mA AEC-Q100 Mounting Type Surface Mount Package / Case 6-SMD, No Lead Size / Dimension 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 0.035" (0.90mm)	Function	Standby
Frequency Stability (Total) 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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height	Output	LVDS
Frequency Stability (Total) Derating 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 0.126" L x 0.098" W (3.20mm x 2.50mm) Height 125ppm -40°C ~ 85°C -40°C ~ 85	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 0.126" 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 6-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)	±25ppm
Current - Supply (Max) Ratings AEC-Q100 Mounting Type Surface Mount Package / Case 6-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 6-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 6-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)	32mA
Package / Case 6-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	6-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?

DSC8103CI2-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.

DSC8103CI2-PROGRAMMABLE Payment Methods



















DSC8103CI2-PROGRAMMABLE Shipping Methods













If you have any question about DSC8103CI2-PROGRAMMABLE, please do not hesitate to contact us!

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