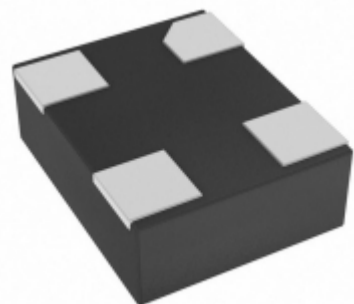


DSC1001DI1-012.0000



Part Number: [DSC1001DI1-012.0000](#)
Manufacturer: [Micrel / Microchip Technology](#)
Description: OSC MEMS 12.000MHZ CMOS SMD
Data sheet: [DSC1001,3,4](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
 See Product Specifications for product details.
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PRODUCT PARAMETER

Part Number	DSC1001DI1-012.0000
Manufacturer	Micrel / Microchip Technology
Description	OSC MEMS 12.000MHZ CMOS SMD
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	81774 pcs
Product Photo	DSC1001DI1-012.0000.jpg
Category	Crystals, Oscillators, Resonators
Voltage - Supply	1.8 V ~ 3.3 V
Type	XO (Standard)
Size / Dimension	0.098" L x 0.079" W (2.50mm x 2.00mm)
Series	DSC1001
Ratings	AEC-Q100
Packaging	Tube
Package / Case	4-SMD, No Lead
Output	CMOS
Other Names	576-4963-5 DSC1001DI1-012.0000-ND
Operating Temperature	-40°C ~ 85°C
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Height - Seated (Max)	0.035" (0.90mm)
Function	Standby (Power Down)
Frequency Stability	±50ppm
Frequency	12MHz
Detailed Description	12MHz XO (Standard) CMOS Oscillator 1.8 V ~ 3.3 V Standby (Power Down) 4-SMD, No Lead
Current - Supply (Max)	6.3mA
Current - Supply (Disable) (Max)	15µA
Base Resonator	MEMS

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