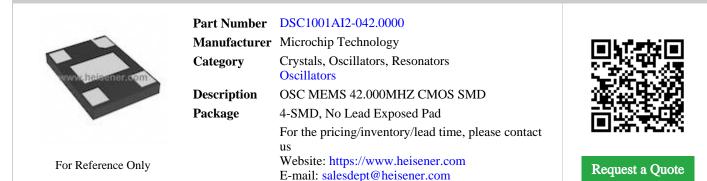


## DSC1001AI2-042.0000

## DSC1001AI2-042.0000 Information



# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## DSC1001AI2-042.0000 Specifications

Manufacturer Part Number	DSC1001AI2-042.0000
Manufacturer	Microchip Technology
Category	Crystals, Oscillators, Resonators
	Oscillators
Package	4-SMD, No Lead Exposed Pad
Series	DSC1001
Туре	MEMS (Silicon)
Frequency	42MHz
Function	Standby (Power Down)
Output	CMOS
Voltage - Supply	1.8 V ~ 3.3 V
Frequency Stability	±25ppm
Operating Temperature	-40°C ~ 85°C
Current - Supply (Max)	7.2mA
Ratings	AEC-Q100
Mounting Type	Surface Mount
Package / Case	4-SMD, No Lead Exposed Pad
Size / Dimension	0.276" L x 0.197" W (7.00mm x 5.00mm)
Height - Seated (Max)	0.035" (0.90mm)
	Report errors?

## DSC1001AI2-042.0000 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.

### DSC1001AI2-042.0000 Payment Methods



If you have any question about DSC1001AI2-042.0000, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com