

**DSC1001AI2-042.0000 Information**


For Reference Only

**Part Number** [DSC1001AI2-042.0000](#)  
**Manufacturer** Microchip Technology  
**Category** Crystals, Oscillators, Resonators  
[Oscillators](#)  
**Description** OSC MEMS 42.000MHZ CMOS SMD  
**Package** 4-SMD, No Lead Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**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	<a href="#">DSC1001AI2-042.0000</a>
Manufacturer	Microchip Technology
Category	Crystals, Oscillators, Resonators <a href="#">Oscillators</a>
Package	4-SMD, No Lead Exposed Pad
Series	DSC1001
Type	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



## DSC1001AI2-042.0000 Shipping Methods



If you have any question about DSC1001AI2-042.0000, please do not hesitate to contact us!

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