

**DSC1001AI2-077.7000T Information**


For Reference Only

**Part Number** [DSC1001AI2-077.7000T](#)  
**Manufacturer** Microchip Technology  
**Category** Crystals, Oscillators, Resonators  
[Oscillators](#)  
**Description** OSCILLATOR MEMS 77.7MHZ 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.


**DSC1001AI2-077.7000T Specifications**

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <a href="#">DSC1001AI2-077.7000T</a>                             |
| Manufacturer             | Microchip Technology   |
| Category                 | Crystals, Oscillators, Resonators<br><a href="#">Oscillators</a> |
| Package                  | 4-SMD, No Lead Exposed Pad                                       |
| Series                   | DSC1001  |
| Type                     | MEMS (Silicon)   |
| Frequency                | 77.7MHz  |
| 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)   | 8.7mA  |
| 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?](#)

## DSC1001AI2-077.7000T 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.

## DSC1001AI2-077.7000T Payment Methods



## DSC1001AI2-077.7000T Shipping Methods



If you have any question about DSC1001AI2-077.7000T, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)