

**MSC8252SAG1000B Information**


For Reference Only

**Part Number** [MSC8252SAG1000B](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - DSP \(Digital Signal Processors\)](#)  
**Description** IC DSP 2X 1GHZ SC3850 783FCBGA  
**Package** 783-BBGA, FCBGA  
 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.


**MSC8252SAG1000B Specifications**

|                          |   |
|--------------------------|---|
| Manufacturer Part Number | <a href="#">MSC8252SAG1000B</a>   |
| Manufacturer             | NXP   |
| Category                 | Integrated Circuits (ICs)<br><a href="#">Embedded - DSP (Digital Signal Processors)</a> |
| Package                  | 783-BBGA, FCBGA   |
| Series                   | StarCore  |
| Type                     | SC3850 Dual Core  |
| Interface                | Ethernet, I2C, PCI, RGMII, Serial RapidIO, SGMII, SPI, UART/USART                       |
| Clock Rate               | 1GHz  |
| Non-Volatile Memory      | ROM (96 kB)   |
| On-Chip RAM              | 576kB   |
| Voltage - I/O            | 2.50V   |
| Voltage - Core           | 1.00V   |
| Operating Temperature    | 0°C ~ 105°C (TJ)  |
| Mounting Type            | Surface Mount   |
| Package / Case           | 783-BBGA, FCBGA   |
| Supplier Device Package  | 783-FCPBGA (29x29)  |

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## MSC8252SAG1000B 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.

## MSC8252SAG1000B Payment Methods



## MSC8252SAG1000B Shipping Methods



If you have any question about MSC8252SAG1000B, please do not hesitate to contact us!

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

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