

**MCIMX251AVM4 Information**


For Reference Only

**Part Number** [MCIMX251AVM4](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microprocessors](#)  
**Description** IC MPU I.MX25 400MHZ 400MAPBGA  
**Package** 400-LFBGA  
 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.


**MCIMX251AVM4 Specifications**

|                                 |   |
|---------------------------------|---|
| Manufacturer Part Number        | <a href="#">MCIMX251AVM4</a>  |
| Manufacturer                    | NXP   |
| Category                        | Integrated Circuits (ICs)<br><a href="#">Embedded - Microprocessors</a>                   |
| Package                         | 400-LFBGA   |
| Series                          | i.MX25  |
| Core Processor                  | ARM926EJ-S  |
| Number of Cores/Bus Width       | 1 Core, 32-Bit  |
| Speed                           | 400MHz  |
| Co-Processors/DSP               | -   |
| RAM Controllers                 | LPDDR, DDR, DDR2  |
| Graphics Acceleration           | No  |
| Display & Interface Controllers | Keypad  |
| Ethernet                        | 10/100 Mbps (1)   |
| SATA                            | -   |
| USB                             | USB 2.0 + PHY (2)   |
| Voltage - I/O                   | 2.0V, 2.5V, 2.7V, 3.0V, 3.3V  |
| Operating Temperature           | -40°C ~ 85°C (TA)   |
| Security Features               | Boot Security, Cryptography, Secure Fusebox, Secure JTAG, Secure Memory, Tamper Detection |
| Package / Case                  | 400-LFBGA   |
| Supplier Device Package         | 400-MAPBGA (17x17)  |

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## MCIMX251AVM4 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.

## MCIMX251AVM4 Payment Methods



## MCIMX251AVM4 Shipping Methods



If you have any question about MCIMX251AVM4, please do not hesitate to contact us!

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