

**MCF5251VM140 Information**


For Reference Only

**Part Number** [MCF5251VM140](#)  
**Manufacturer** NXP  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC MCU 32BIT ROMLESS 225MAPBGA  
**Package** 225-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.


**MCF5251VM140 Specifications**

|                            |  |
|----------------------------|--|
| Manufacturer Part Number   | <a href="#">MCF5251VM140</a>   |
| Manufacturer               | NXP  |
| Category                   | Integrated Circuits (ICs)<br><a href="#">Embedded - Microcontrollers</a> |
| Package                    | 225-LFBGA  |
| Series                     | MCF525x  |
| Core Processor             | Coldfire V2  |
| Core Size                  | 32-Bit   |
| Speed                      | 140MHz   |
| Connectivity               | ATA, Audio, CAN, EBI/EMI, I2C, IDE, SD, SPI, UART/USART, USB OTG         |
| Peripherals                | DMA  |
| Number of I/O              | -  |
| Program Memory Size        | -  |
| Program Memory Type        | ROMless  |
| EEPROM Size                | -  |
| RAM Size                   | 128K x 8   |
| Voltage - Supply (Vcc/Vdd) | 1.08 V ~ 3.6 V   |
| Data Converters            | A/D 6x12b  |
| Oscillator Type            | External   |
| Operating Temperature      | -20°C ~ 70°C (TA)  |
| Mounting Type              | -  |
| Package / Case             | 225-LFBGA  |
| Supplier Device Package    | 225-MAPBGA (13x13)   |

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## MCF5251VM140 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.

## MCF5251VM140 Payment Methods



## MCF5251VM140 Shipping Methods



If you have any question about MCF5251VM140, please do not hesitate to contact us!

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

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