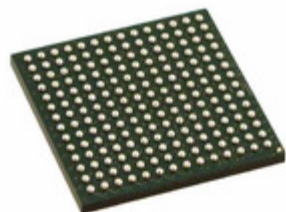


MCF5272VF66



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [MCF5272VF66](#)

**Manufacturer:** [NXP Semiconductors / Freescale](#)

**Description:** IC MCU 32BIT 16KB ROM 196MAPBGA

**Data sheet:**  [MCF5272 User Manual](#)

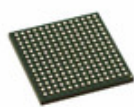
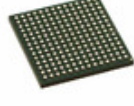
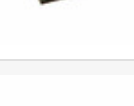
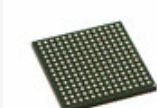
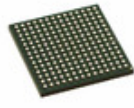
**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                           |                                  |                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MCF5272VF66                                                                               | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC MCU 32BIT 16KB ROM 196MAPBGA                                                           | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4895 pcs                                                                                  | Data sheet                       | <a href="#">MCF5272 User Manual</a>            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                                                 | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 3.6 V                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 196-MAPBGA (15x15)                                                                        | Speed                            | 66MHz                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MCF527x                                                                                   | RAM Size                         | 1K x 32                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ROM                                                                                       | Program Memory Size              | 16KB (4K x 32)                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | DMA, WDT                                                                                  | Packaging                        | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 196-LBGA                                                                                  | Other Names                      | 935324025557                                   |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | External                                                                                  | Operating Temperature            | 0°C ~ 70°C (TA)                                |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 32                                                                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Contains lead / RoHS non-compliant                                                        | EEPROM Size                      | -                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Coldfire V2 MCF527x Microcontroller IC 32-Bit 66MHz 16KB (4K x 32) ROM 196-MAPBGA (15x15) | Data Converters                  | -                                              |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 32-Bit                                                                                    | Core Processor                   | Coldfire V2                                    |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EBI/EMI, Ethernet, I <sup>2</sup> C, SPI, UART/USART, USB                                 | Base Part Number                 | MCF5272                                        |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 4895 pieces of NXP Semiconductors / Freescale MCF5272VF66 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                           |                                  |                                                |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                               |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MCF5272CVF66J</a><br>Description: IC MCU 32BIT 16KB ROM 196MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5271CVM100</a><br>Description: IC MCU 32BIT ROMLESS 196MAPBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5272VF66R2J</a><br>Description: IC MCU 32BIT 16KB ROM 196MAPBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5274CVM166</a><br>Description: IC MCU 32BIT ROMLESS 256MAPBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5272VM66R2J</a><br>Description: IC MCU 32BIT 16KB ROM 196MAPBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5274LVM133</a><br>Description: IC MCU 32BIT ROMLESS 196MAPBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5271CVM150</a><br>Description: IC MCU 32BIT ROMLESS 196MAPBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5272VF66J</a><br>Description: IC MCU 32BIT 16KB ROM 196MAPBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5272VM66J</a><br>Description: IC MCU 32BIT 16KB ROM 196MAPBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5272CVM66R2</a><br>Description: IC MCU 32BIT 16KB ROM 196MAPBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5274LCVM166</a><br>Description: IC MCU 32BIT ROMLESS 196MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5272VF66R2</a><br>Description: IC MCU 32BIT 16KB ROM 196MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5271CAB100</a><br>Description: IC MCU 32BIT ROMLESS 160QFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5272CVM66J</a><br>Description: IC MCU 32BIT 16KB ROM 196MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5271CVM100J</a><br>Description: IC MCU 32BIT ROMLESS 196MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5272VM66R2</a><br>Description: IC MCU 32BIT 16KB ROM 196MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5272CVM66</a><br>Description: IC MCU 32BIT 16KB ROM 196MAPBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5272VM66</a><br>Description: IC MCU 32BIT 16KB ROM 196MAPBGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5272CVF66</a><br>Description: IC MCU 32BIT 16KB ROM 196MAPBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5271CVM150J</a><br>Description: IC MCU 32BIT ROMLESS 196MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |

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| NXP USA Inc. MCF5272VF66                   |                                |                       |                                           |