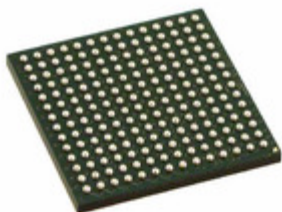


MCF5271CVM150



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [MCF5271CVM150](#)

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

**Description:** IC MCU 32BIT ROMLESS 196MAPBGA

**Data sheet:**  [MCF5270/71 Reference Manual](#)  
 [MCF5270, 71 Tech Data](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

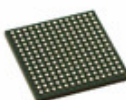
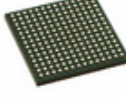
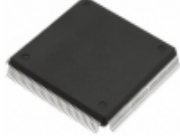
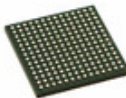
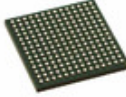
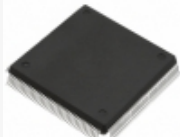
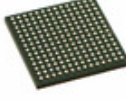
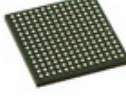
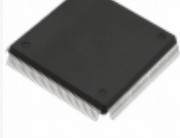
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| PRODUCT PARAMETER              |                                                                                 |                                  |                                                                                      |
|--------------------------------|---------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------|
| Part Number                    | MCF5271CVM150                                                                   | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                       |
| Description                    | IC MCU 32BIT ROMLESS 196MAPBGA                                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                           |
| Quantity Available             | 4469 pcs                                                                        | Data sheet                       | <a href="#">MCF5270/71 Reference Manual</a><br><a href="#">MCF5270, 71 Tech Data</a> |
| Category                       | <a href="#">Integrated Circuits (ICs)</a>                                       | Voltage - Supply (Vcc/Vdd)       | 1.4 V ~ 3.6 V                                                                        |
| Supplier Device Package        | 196-MAPBGA (15x15)                                                              | Speed                            | 150MHz                                                                               |
| Series                         | MCF527x                                                                         | RAM Size                         | 64K x 8                                                                              |
| Program Memory Type            | ROMless                                                                         | Program Memory Size              | -                                                                                    |
| Peripherals                    | DMA, WDT                                                                        | Packaging                        | Tray                                                                                 |
| Package / Case                 | 196-LBGA                                                                        | Other Names                      | 935322682557                                                                         |
| Oscillator Type                | External                                                                        | Operating Temperature            | -40°C ~ 85°C (TA)                                                                    |
| Number of I/O                  | 97                                                                              | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                        |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                      | EEPROM Size                      | -                                                                                    |
| Detailed Description           | Coldfire V2 MCF527x Microcontroller IC 32-Bit 150MHz ROMless 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                            | Base Part Number                 | MCF5271                                                                              |

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|  | Part#: <a href="#">MCF5272CVF66</a><br>Description: IC MCU 32BIT 16KB ROM 196MAPBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
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|  | 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="#">MCF5272VF66J</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="#">MCF5270CAB100</a><br>Description: IC MCU 32BIT ROMLESS 160QFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5270CVM150R2</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="#">MCF5272CVM66R2</a><br>Description: IC MCU 32BIT 16KB ROM 196MAPBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5270CVM150J</a><br>Description: IC MCU 32BIT ROMLESS 196MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MCF5270CVM150</a><br>Description: IC MCU 32BIT ROMLESS 196MAPBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCF5270VM100J</a><br>Description: IC MCU 32BIT ROMLESS 196MAPBGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
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