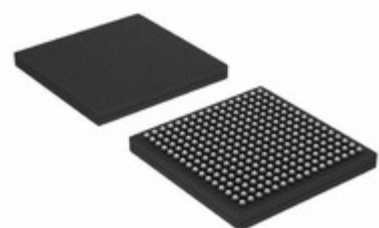


MCF5234CVM150J



Images are for reference only.  
See Product Specifications for product details.  
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Part Number: [MCF5234CVM150J](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT ROMLESS 256MAPBGA

Data sheet:  [MCF523x](#)

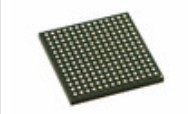
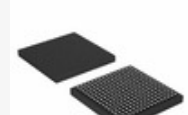
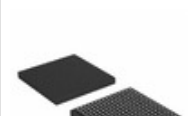
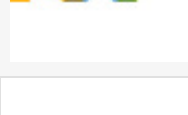
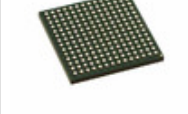
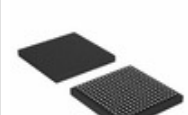
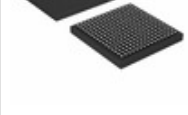
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MCF5234CVM150J                            | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 32BIT ROMLESS 256MAPBGA            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4368 pcs                                  | Data sheet                     | <a href="#">MCF523x</a>                                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 1.4 V ~ 1.6 V                                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 256-MAPBGA                                | Speed                          | 150MHz                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MCF523x                                   | RAM Size                       | 64K x 8                                                                 |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ROMless                                   | Program Memory Size            | -                                                                       |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DMA, WDT                                  | Packaging                      | Tray                                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 256-LBGA                                  | 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 MCF523x Microcontroller IC 32-Bit 150MHz ROMless 256-MAPBGA |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Core Size                      | 32-Bit                                                                  |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Coldfire V2                               | Connectivity                   | CANbus, EBI/EMI, Ethernet, I <sup>2</sup> C, SPI, UART/USART            |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MCF5234                                   |                                |                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                               |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCF5232CVM100J</a><br>Description: IC MCU 32BIT ROMLESS 196MAPBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5235CVM150J</a><br>Description: IC MCU 32BIT ROMLESS 256MAPBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5235CVM100</a><br>Description: IC MCU 32BIT ROMLESS 256MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5235CVM150</a><br>Description: IC MCU 32BIT ROMLESS 256MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5234CVM100J</a><br>Description: IC MCU 32BIT ROMLESS 256MAPBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5249LAG120</a><br>Description: IC MCU 32BIT ROMLESS 144LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5249LPV120</a><br>Description: IC MCU 32BIT ROMLESS 144LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5232CVM150</a><br>Description: IC MCU 32BIT ROMLESS 196MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5232CVM150J</a><br>Description: IC MCU 32BIT ROMLESS 196MAPBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5249CVF140</a><br>Description: IC MCU 32BIT ROMLESS 160MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5235CVF150</a><br>Description: IC MCU 32BIT ROMLESS 256MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5235CVM100J</a><br>Description: IC MCU 32BIT ROMLESS 256MAPBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5233CVM100J</a><br>Description: IC MCU 32BIT ROMLESS 256MAPBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5234CVM100</a><br>Description: IC MCU 32BIT ROMLESS 256MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5233CVM150J</a><br>Description: IC MCU 32BIT ROMLESS 256MAPBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5234CVM150</a><br>Description: IC MCU 32BIT ROMLESS 256MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5233CVM100</a><br>Description: IC MCU 32BIT ROMLESS 256MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5249CVM140</a><br>Description: IC MCU 32BIT ROMLESS 160MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5233CVM150</a><br>Description: IC MCU 32BIT ROMLESS 256MAPBGA  | Manufacturers: <a href="#">NXP USA Inc.</a>                   | <div>RFQ</div> |
|  | Part#: <a href="#">MCF5249LCAG120</a><br>Description: IC MCU 32BIT ROMLESS 144LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

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