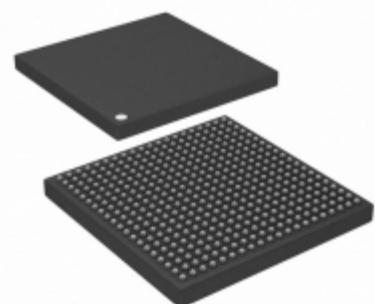


MCIMX258CVM4



Images are for reference only.  
See Product Specifications for product details.  
Buy MCIMX258CVM4 with confidence from Component-World.HK, 1 Year Warranty

**Part Number:** MCIMX258CVM4

**Manufacturer:** NXP Semiconductors / Freescale

**Description:** IC MPU I.MX25 400MHZ 400MAPBGA

**Data sheet:**  [MCIMX25\(3,7,8\)\(C,D\)\(J,V\)M4](#)

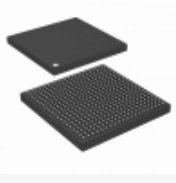
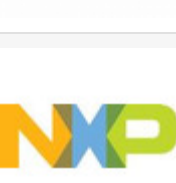
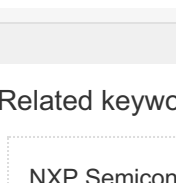
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                           |                                  |                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | MCIMX258CVM4                                                                              | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MPU I.MX25 400MHZ 400MAPBGA                                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                     | 5203 pcs                                                                                  | Data sheet                       | <a href="#">MCIMX25(3,7,8)(C,D)(J,V)M4</a>     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                                 | Voltage - I/O                    | 2.0V, 2.5V, 2.7V, 3.0V, 3.3V                   |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                    | USB 2.0 + PHY (2)                                                                         | Supplier Device Package          | 400-MAPBGA (17x17)                             |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                  | 400MHz                                                                                    | Series                           | i.MX25                                         |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                      | Boot Security, Cryptography, Secure Fusebox, Secure JTAG, Secure Memory, Tamper Detection | SATA                             | -                                              |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                        | LPDDR, DDR, DDR2                                                                          | Packaging                        | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                         | 400-LFBGA                                                                                 | Operating Temperature            | -40°C ~ 85°C (TA)                              |
| Number of Cores/Bus Width                                                                                                                                                                                                                                                                                                                                                                                                              | 1 Core, 32-Bit                                                                            | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                                                                | Graphics Acceleration            | No                                             |
| Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                               | 10/100 Mbps (1)                                                                           | Display & Interface Controllers  | Keypad, LCD, Touchscreen                       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                   | ARM926EJ-S Microprocessor IC i.MX25 1 Core, 32-Bit 400MHz 400-MAPBGA (17x17)              | Core Processor                   | ARM926EJ-S                                     |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                                         | Base Part Number                 | MCIMX258                                       |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                  | CAN, I <sup>2</sup> C, I <sup>2</sup> S, MMC/SD/SDIO, SAI, SPI, SSI, SSP, UART            |                                  |                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 5203 pieces of NXP Semiconductors / Freescale MCIMX258CVM4 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: info@Components-World.com |                                                                                           |                                  |                                                |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                               |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MCIMX27ADSE</a><br>Description: KIT APPLICATION DEV ADS I.MX27      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX257DVM4</a><br>Description: IC MPU I.MX25 400MHZ 400MAPBGA     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX257DJM4AR2</a><br>Description: IMX25 1.2 COMM                  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX257DJM4</a><br>Description: IC MPU I.MX25 400MHZ 400MAPBGA     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX257CVM4</a><br>Description: IC MPU I.MX25 400MHZ 400MAPBGA     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX27LMJP4A</a><br>Description: I.MX27 REV 2.1                    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX25PDKCPUJ</a><br>Description: KIT CPU BOARD FOR LINUXJ         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX257CJN4A</a><br>Description: IC MPU I.MX25 400MHZ 347MAPBGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX27LMOP4A</a><br>Description: IC MPU I.MX27 400MHZ 473MAPBGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX257CJM4AR2</a><br>Description: I.MX25 32-BIT MPU ARM926EJ-S CO | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX25LPDKJ</a><br>Description: KIT DEV MCIMX25 PDK FOR LINUX      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX258CJM4A</a><br>Description: IC MPU I.MX25 400MHZ 400MAPBGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX27LMOP4AR2</a><br>Description: IC MPU I.MX27 400MHZ 473MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX27IPCAM</a><br>Description: BOARD REF DES IP CAMERA IMX27      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX25WPKDJ</a><br>Description: KIT DEVELOPMENT WINCE IMX25        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX257DJM4A</a><br>Description: IC MPU I.MX25 400MHZ 400MAPBGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX25WPKDK</a><br>Description: KIT DEVELOPMENT FOR WINDOWS6.0     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX27LITEKIT</a><br>Description: KIT EVALUATION LITE I.MX27       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX258CJM4</a><br>Description: IC MPU I.MX25 400MHZ 400MAPBGA     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MCIMX258CJM4AR2</a><br>Description: I.MX25 32-BIT MPU ARM926EJ-S CO | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |

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