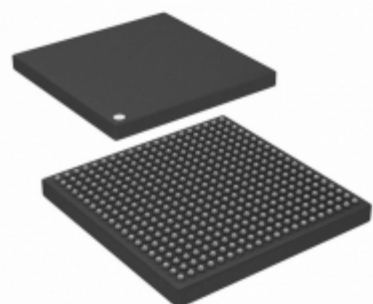


MCIMX257DJM4A



Part Number: [MCIMX257DJM4A](#)

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

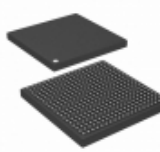
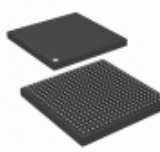
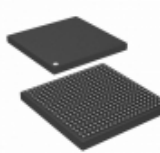
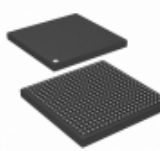
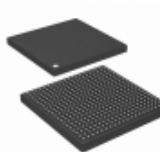
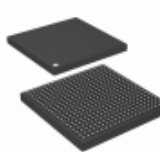
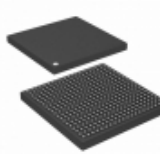
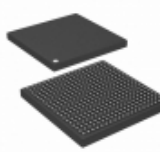
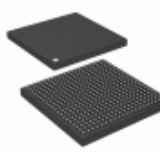
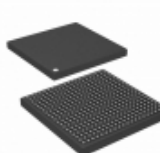
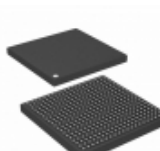
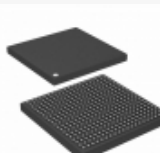
Ship From: Hong Kong

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

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                |                                 |                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | MCIMX257DJM4A                                                                  | 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                                                                                                                                                                                                                                                                                                                                                                                                                      | 9009 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                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                              | SATA                            | -                                              |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                         | LPDDR, DDR, DDR2                                                               | Packaging                       | Tray                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                          | 400-LFBGA                                                                      | Other Names                     | 935310307557                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                   | -20°C ~ 70°C (TA)                                                              | Number of Cores/Bus Width       | 1 Core, 32-Bit                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                        | 3 (168 Hours)                                                                  | Manufacturer Standard Lead Time | 15 Weeks                                       |
| 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                | MCIMX257                                       |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                   | CAN, I <sup>2</sup> C, I <sup>2</sup> S, MMC/SD/SDIO, SAI, SPI, SSI, SSP, UART |                                 |                                                |
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| RELATED PRODUCTS                                                                   |                                              |                                                               |                |
|------------------------------------------------------------------------------------|----------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCIMX255AJM4A</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MPU I.MX25 400MHZ 400MAPBGA  |                                                               |                |
|  | Part#: <a href="#">MCIMX255AVM4</a>          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MPU I.MX25 400MHZ 400MAPBGA  |                                                               |                |
|  | Part#: <a href="#">MCIMX25PDKCPUJ</a>        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: KIT CPU BOARD FOR LINUXJ        |                                                               |                |
|  | Part#: <a href="#">MCIMX255AJM4</a>          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MPU I.MX25 400MHZ 400MAPBGA  |                                                               |                |
|  | Part#: <a href="#">MCIMX258CVM4</a>          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MPU I.MX25 400MHZ 400MAPBGA  |                                                               |                |
|  | Part#: <a href="#">MCIMX25WPK</a>            | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: KIT DEVELOPMENT FOR WINDOWS6.0  |                                                               |                |
|  | Part#: <a href="#">MCIMX257CVM4</a>          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MPU I.MX25 400MHZ 400MAPBGA  |                                                               |                |
|  | Part#: <a href="#">MCIMX257DVM4</a>          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MPU I.MX25 400MHZ 400MAPBGA  |                                                               |                |
|  | Part#: <a href="#">MCIMX257DJM4</a>          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MPU I.MX25 400MHZ 400MAPBGA  |                                                               |                |
|  | Part#: <a href="#">MCIMX257CJM4A</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MPU I.MX25 400MHZ 400MAPBGA  |                                                               |                |
|  | Part#: <a href="#">MCIMX255AJM4AR2</a>       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MPU I.MX25 400MHZ 400MAPBGA  |                                                               |                |
|  | Part#: <a href="#">MCIMX258CJM4AR2</a>       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: I.MX25 32-BIT MPU ARM926EJ-S CO |                                                               |                |
|  | Part#: <a href="#">MCIMX257CJM4AR2</a>       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: I.MX25 32-BIT MPU ARM926EJ-S CO |                                                               |                |
|  | Part#: <a href="#">MCIMX258CJM4</a>          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MPU I.MX25 400MHZ 400MAPBGA  |                                                               |                |
|  | Part#: <a href="#">MCIMX257DJM4AR2</a>       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: IMX25 1.2 COMM                  |                                                               |                |
|  | Part#: <a href="#">MCIMX257CJN4A</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MPU I.MX25 400MHZ 347MAPBGA  |                                                               |                |
|  | Part#: <a href="#">MCIMX25WPKJ</a>           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: KIT DEVELOPMENT WINCE IMX25     |                                                               |                |
|  | Part#: <a href="#">MCIMX25LPDKJ</a>          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: KIT DEV MCIMX25 PDK FOR LINUX   |                                                               |                |
|  | Part#: <a href="#">MCIMX258CJM4A</a>         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MPU I.MX25 400MHZ 400MAPBGA  |                                                               |                |
|  | Part#: <a href="#">MCIMX257CJM4</a>          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|                                                                                    | Description: IC MPU I.MX25 400MHZ 400MAPBGA  |                                                               |                |

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|                                              |                                  |                         |                                             |
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| NXP USA Inc. MCIMX257DJM4A                   |                                  |                         |                                             |