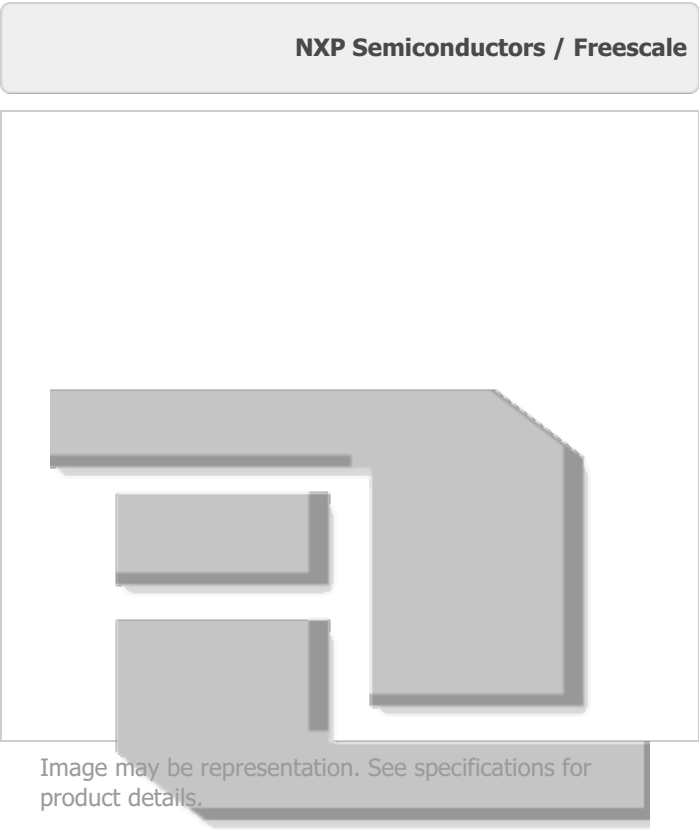




|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCIMX251AJM4AR2                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU I.MX25 400MHZ 400MAPBGA                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 8227 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MCIMX251AJM4AR2

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCIMX251AJM4AR2                                                                           |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                            |
| DESCRIPTION                      | IC MPU I.MX25 400MHZ 400MAPBGA                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| QUANTITY AVAILABLE               | 8227 pcs                                                                                  |
| DATA SHEET                       |                                                                                           |
| 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                        | Tape & Reel (TR)                                                                          |
| PACKAGE / CASE                   | 400-LFBGA                                                                                 |
| OTHER NAMES                      | 935311276518                                                                              |
| 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                                                                                    |
| 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                 | MCIMX251                                                                                  |
| ADDITIONAL INTERFACES            | CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, SSP, UART                                      |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MCIMX251AJM4AR2               | MCIMX251AJM4AR2 Distributor        | MCIMX251AJM4AR2 Supplier  |
| MCIMX251AJM4AR2 Price         | MCIMX251AJM4AR2 Pictures           | MCIMX251AJM4AR2 Image     |
| MCIMX251AJM4AR2 PDF Datasheet | MCIMX251AJM4AR2 Download Datasheet | MCIMX251AJM4AR2 Datasheet |
| MCIMX251AJM4AR2 Stock         | Buy MCIMX251AJM4AR2                | Buy MCIMX251AJM4AR2       |
| MCIMX251AJM4AR2               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                                                |                                                                                      |                                                                                                                                                            |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <div>MCIMX23WEVKJC</div> <div>Manufacturers: NXP</div> <div>Description: KIT EVALUATION I.MX23</div> <div>In stock: 209 pcs</div> <div>RFQ</div>               |  | <div>MCIMX253CJM4</div> <div>Manufacturers: NXP</div> <div>Description: IC MPU I.MX25 400MHZ 400MAPBGA</div> <div>In stock: 3362 pcs</div> <div>RFQ</div>  |
|  | <div>MCIMX253CJM4A</div> <div>Manufacturers: NXP</div> <div>Description: IC MPU I.MX25 400MHZ 400MAPBGA</div> <div>In stock: 6282 pcs</div> <div>RFQ</div>     |  | <div>MCIMX251AVM4</div> <div>Manufacturers: NXP</div> <div>Description: IC MPU I.MX25 400MHZ 400MAPBGA</div> <div>In stock: 4727 pcs</div> <div>RFQ</div>  |
|  | <div>MCIMX250DJM4AR2</div> <div>Manufacturers: NXP</div> <div>Description: I.MX25 32-BIT MPU ARM926EJ-S CO</div> <div>In stock: 13394 pcs</div> <div>RFQ</div> |  | <div>MCIMX23WEVKJ</div> <div>Manufacturers: NXP</div> <div>Description: BOARD DEV FOR I.MX23</div> <div>In stock: 5388 pcs</div> <div>RFQ</div>            |
|  | <div>MCIMX250DJM4A</div> <div>Manufacturers: NXP</div> <div>Description: IC MPU I.MX25 400MAPBGA</div> <div>In stock: 8530 pcs</div> <div>RFQ</div>            |  | <div>MCIMX253CVM4</div> <div>Manufacturers: NXP</div> <div>Description: IC MPU I.MX25 400MHZ 400MAPBGA</div> <div>In stock: 4049 pcs</div> <div>RFQ</div>  |
|  | <div>MCIMX253DJM4A</div> <div>Manufacturers: NXP</div> <div>Description: IC MPU I.MX25 400MHZ 400MAPBGA</div> <div>In stock: 7147 pcs</div> <div>RFQ</div>     |  | <div>MCIMX251AJM4A</div> <div>Manufacturers: NXP</div> <div>Description: IC MPU I.MX25 400MHZ 400MAPBGA</div> <div>In stock: 5607 pcs</div> <div>RFQ</div> |
|  | <div>MCIMX251AJM4</div> <div>Manufacturers: NXP</div> <div>Description: IC MPU I.MX25 400MHZ 400MAPBGA</div> <div>In stock: 5982 pcs</div> <div>RFQ</div>      |  | <div>MCIMX253DJM4</div> <div>Manufacturers: NXP</div> <div>Description: IC MPU I.MX25 400MHZ 400MAPBGA</div> <div>In stock: 5765 pcs</div> <div>RFQ</div>  |

