

NXP Semiconductors / Freescale

MCIMX31CJMN4D

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCIMX31CJMN4D                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU I.MX31 400MHZ 473MAPBGA                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 2737 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MCIMX31CJMN4D

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| PART NUMBER                      | MCIMX31CJMN4D                                                                          |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                         |
| DESCRIPTION                      | IC MPU I.MX31 400MHZ 473MAPBGA                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                             |
| QUANTITY AVAILABLE               | 2737 pcs                                                                               |
| DATA SHEET                       |                                                                                        |
| VOLTAGE - I/O                    | 1.8V, 2.0V, 2.5V, 2.7V, 3.0V                                                           |
| USB                              | USB 2.0 (3)                                                                            |
| SPEED                            | 400MHz                                                                                 |
| SERIES                           | i.MX31                                                                                 |
| SECURITY FEATURES                | Random Number Generator, RTIC, Secure Fusebox, Secure JTAG, Secure Memory              |
| SATA                             | -                                                                                      |
| RAM CONTROLLERS                  | DDR                                                                                    |
| PACKAGING                        | Tray                                                                                   |
| PACKAGE / CASE                   | 473-LFBGA                                                                              |
| OTHER NAMES                      | 935325483557                                                                           |
| 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            | Yes                                                                                    |
| ETHERNET                         | -                                                                                      |
| DISPLAY & INTERFACE CONTROLLERS  | Keyboard, Keypad, LCD                                                                  |
| DETAILED DESCRIPTION             | ARM1136JF-S Microprocessor IC i.MX31 1 Core, 32-Bit 400MHz                             |
| CORE PROCESSOR                   | ARM1136JF-S                                                                            |
| CO-PROCESSORS/DSP                | Multimedia; GPU, IPU, MPEG-4, VFP                                                      |
| BASE PART NUMBER                 | MCIMX31                                                                                |
| ADDITIONAL INTERFACES            | 1-Wire, AC97, ATA, FIR, I²C, I²S, MMC/SD/SDIO, MSHC, PCMCIA, SDHC, SIM, SPI, SSI, UART |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MCIMX31CJMN4D               | MCIMX31CJMN4D Distributor        | MCIMX31CJMN4D Supplier  |
| MCIMX31CJMN4D Price         | MCIMX31CJMN4D Pictures           | MCIMX31CJMN4D Image     |
| MCIMX31CJMN4D PDF Datasheet | MCIMX31CJMN4D Download Datasheet | MCIMX31CJMN4D Datasheet |
| MCIMX31CJMN4D Stock         | Buy MCIMX31CJMN4D                | Buy MCIMX31CJMN4D       |
| MCIMX31CJMN4D               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                               |                                                                                      |                                                                                                                                 |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MCIMX31CVKN5D</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br>In stock: 3214 pcs<br><b>RFQ</b> |  | <b>MCIMX31CVKN5C</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br>In stock: 3273 pcs<br><b>RFQ</b>   |
|  | <b>MCIMX31ADSE/C</b><br>Manufacturers: NXP<br>Description: KIT APPLICATION DEV ADS I.MX31<br>In stock: 21 pcs<br><b>RFQ</b>   |  | <b>MCIMX31ADSE</b><br>Manufacturers: NXP<br>Description: KIT DEV ADS I.MX31<br>In stock: 6745 pcs<br><b>RFQ</b>                 |
|  | <b>MCIMX31CVMN4C</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX31 400MHZ 473MAPBGA<br>In stock: 2959 pcs<br><b>RFQ</b> |  | <b>MCIMX31CJMN4DR2</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX31 400MHZ 473MAPBGA<br>In stock: 4861 pcs<br><b>RFQ</b> |
|  | <b>MCIMX31CJMN4C</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX31 400MHZ 473MAPBGA<br>In stock: 3307 pcs<br><b>RFQ</b> |  | <b>MCIMX31CJMN4CR2</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX31 400MHZ 473MAPBGA<br>In stock: 3162 pcs<br><b>RFQ</b> |
|  | <b>MCIMX28LCD</b><br>Manufacturers: NXP<br>Description: EVAL KIT W/LCD FOR I.MX28<br>In stock: 502 pcs<br><b>RFQ</b>          |  | <b>MCIMX31CVKN5CR2</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br>In stock: 5832 pcs<br><b>RFQ</b> |
|  | <b>MCIMX31CJKN5D</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br>In stock: 2727 pcs<br><b>RFQ</b> |  | <b>MCIMX31CVKN5DR2</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br>In stock: 6612 pcs<br><b>RFQ</b> |