

NXP Semiconductors / Freescale

MCIMX31LDVMN5D

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCIMX31LDVMN5D                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU I.MX31 532MHZ 473MAPBGA                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4687 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

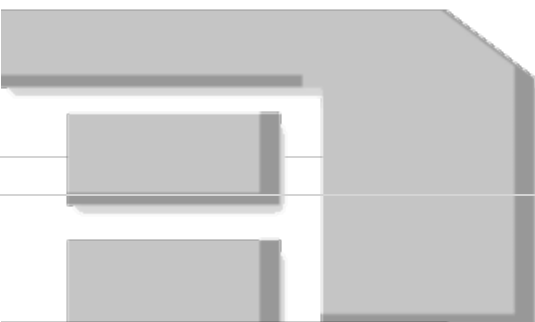
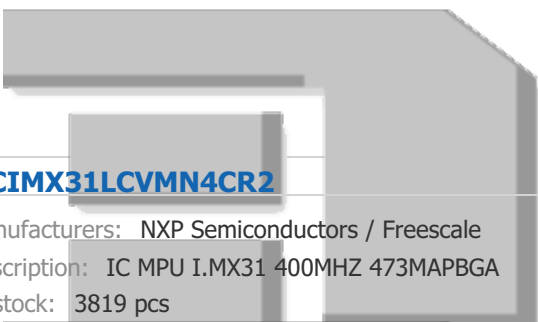
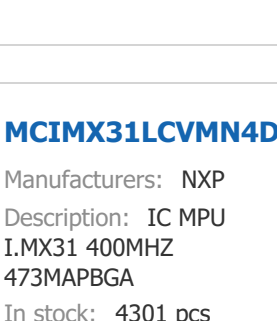
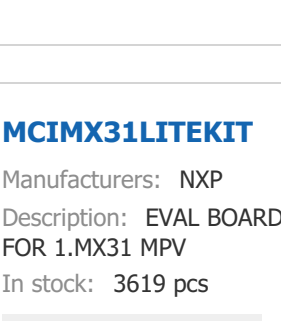
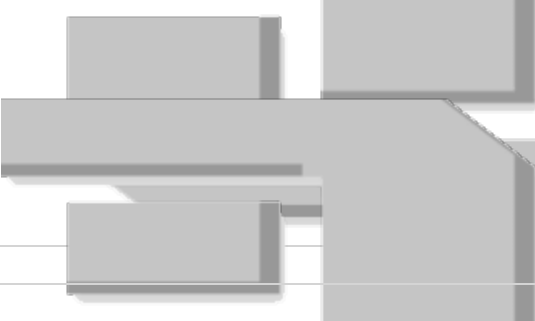
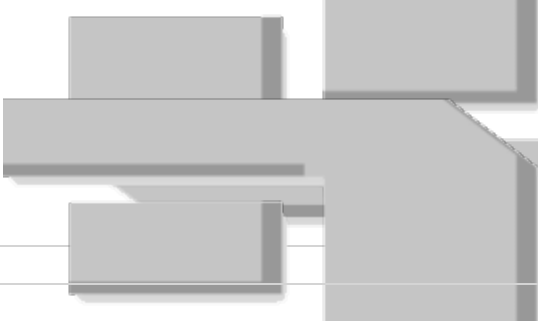
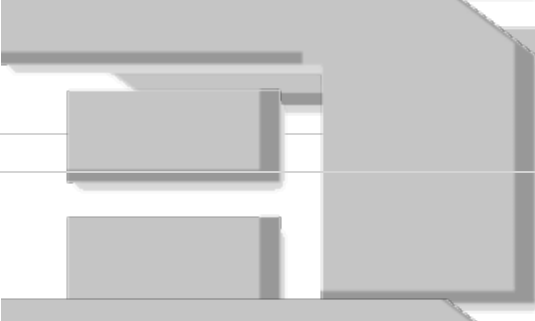
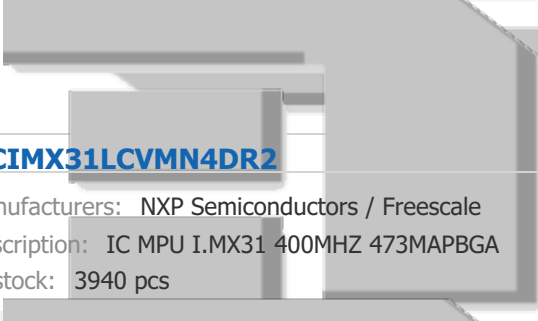
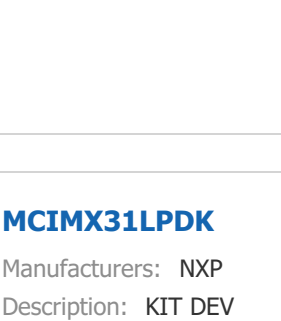
Specifications of MCIMX31LDVMN5D

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCIMX31LDVMN5D                                                                                                   |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                   |
| DESCRIPTION                      | IC MPU I.MX31 532MHZ 473MAPBGA                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE               | 4687 pcs                                                                                                         |
| DATA SHEET                       |                                                                                                                  |
| VOLTAGE - I/O                    | 1.8V, 2.0V, 2.5V, 2.7V, 3.0V                                                                                     |
| USB                              | USB 2.0 (3)                                                                                                      |
| SPEED                            | 532MHz                                                                                                           |
| 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                      | 935317023557                                                                                                     |
| OPERATING TEMPERATURE            | -20°C ~ 70°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 532MHz                                                       |
| CORE PROCESSOR                   | ARM1136JF-S                                                                                                      |
| CO-PROCESSORS/DSP                | Multimedia; GPU, IPU, MPEG-4, VFP                                                                                |
| BASE PART NUMBER                 | MCIMX31                                                                                                          |
| ADDITIONAL INTERFACES            | 1-Wire, AC97, ATA, FIR, I <sup>2</sup> C, I <sup>2</sup> S, MMC/SD/SDIO, MSHC, PCMCIA, SDHC, SIM, SPI, SSI, UART |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MCIMX31LDVMN5D               | MCIMX31LDVMN5D Distributor        | MCIMX31LDVMN5D Supplier  |
| MCIMX31LDVMN5D Price         | MCIMX31LDVMN5D Pictures           | MCIMX31LDVMN5D Image     |
| MCIMX31LDVMN5D PDF Datasheet | MCIMX31LDVMN5D Download Datasheet | MCIMX31LDVMN5D Datasheet |
| MCIMX31LDVMN5D Stock         | Buy MCIMX31LDVMN5D                | Buy MCIMX31LDVMN5D       |
| MCIMX31LDVMN5D               | Supplier                          | Distributor              |

Related Products

|                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                              |                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>MCIMX31LDVKN5D</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>In stock: 4189 pcs</p> <p>RFQ</p>                   |  <p><b>MCIMX31LCVMN4CR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX31 400MHZ 473MAPBGA<br/>In stock: 3819 pcs</p> |                                                                                                                                                                                                                                              |                                                                                                                                                                                                                        |
|  <p><b>MCIMX31LDVKN5DR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>In stock: 4663 pcs</p> |  <p><b>MCIMX31LCVMN4D</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MX31 400MHZ 473MAPBGA<br/>In stock: 4301 pcs</p> <p>RFQ</p>                    |  <p><b>MCIMX31LDVMN5DR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX31 532MHZ 473MAPBGA<br/>In stock: 5122 pcs</p> |  <p><b>MCIMX31LITEKIT</b><br/>Manufacturers: NXP<br/>Description: EVAL BOARD FOR I.MX31 MPV<br/>In stock: 3619 pcs</p> <p>RFQ</p> |
|  <p><b>MCIMX31LVKN5</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>In stock: 4189 pcs</p> <p>RFQ</p>                     |  <p><b>MCIMX31LCVMN4C</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MX31 400MHZ 473MAPBGA<br/>In stock: 3647 pcs</p> <p>RFQ</p>                   |                                                                                                                                                                                                                                              |                                                                                                                                                                                                                        |
|  <p><b>MCIMX31LVKN5B</b><br/>Manufacturers: NXP<br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>In stock: 5001 pcs</p> <p>RFQ</p>                    |  <p><b>MCIMX31LCVMN4DR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX31 400MHZ 473MAPBGA<br/>In stock: 3940 pcs</p> |  <p><b>MCIMX31LPDK</b><br/>Manufacturers: NXP<br/>Description: KIT DEV I.MX31 FOR LINUX<br/>In stock: 52 pcs</p> <p>RFQ</p>                             |                                                                                                                                                                                                                        |
|  <p><b>MCIMX31LITEKITC</b><br/>Manufacturers: NXP<br/>Description: BOARD DEV FOR I.MX31<br/>In stock: 2948 pcs</p> <p>RFQ</p>                            |                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                              |                                                                                                                                                                                                                        |