




NXP Semiconductors / Freescale

MCIMX31LCVKN5D

| | |
|----------------------|--|
| Part Number: | MCIMX31LCVKN5D |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description: | IC MPU I.MX31 532MHZ 457MAPBGA |
| Datasheets: | PDF MCIMX31LCVKN5D.pdf |
| RoHS Status: |  Lead free / RoHS Compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.



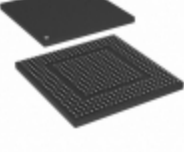




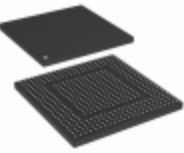
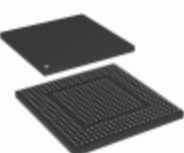
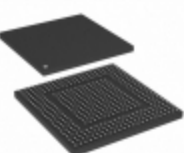
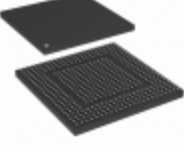
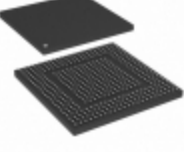
Specifications of MCIMX31LCVKN5D

| | |
|----------------------------------|--|
| PART NUMBER | MCIMX31LCVKN5D |
| MANUFACTURER | NXP Semiconductors / Freescale |
| DESCRIPTION | IC MPU I.MX31 532MHZ 457MAPBGA |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET | PDF MCIMX31LCVKN5D.pdf |
| 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 | 457-LFBGA |
| OTHER NAMES | 935322884557 |
| OPERATING TEMPERATURE | -40°C ~ 85°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 | 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 ² C, I ² S, MMC/SD/SDIO, MSHC, PCMCIA, SDHC, SIM, SPI, SSI, UART |

Related Tags

| | | |
|---|---|---|
| NXP Semiconductors / Freescale MCIMX31LCVKN5D | MCIMX31LCVKN5D Distributor | MCIMX31LCVKN5D Supplier |
| MCIMX31LCVKN5D Price | MCIMX31LCVKN5D Pictures | MCIMX31LCVKN5D Image |
| MCIMX31LCVKN5D PDF Datasheet | MCIMX31LCVKN5D Download Datasheet | MCIMX31LCVKN5D Datasheet |
| MCIMX31LCVKN5D Stock | Buy MCIMX31LCVKN5D | Buy NXP Semiconductors / Freescale MCIMX31LCVKN5D |
| NXP Semiconductors / Freescale MCIMX31LCVKN5D | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor |
| NXP Semiconductors / Freescale MCIMX31LCVKN5D | NXP Semiconductors MCIMX31LCVKN5D | Freescale MCIMX31LCVKN5D |
| Freescale Semiconductor - NXP MCIMX31LCVKN5D | NXP USA Inc. MCIMX31LCVKN5D | |

Related Products

| | |
|---|--|
|  <p>MCIMX31LCVKN5C Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: Out stock RFQ</p> |  <p>MCIMX31LCVKN5DR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: Out stock RFQ</p> |
|  <p>MCIMX31DVMN5D Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 473MAPBGA In stock: 218 pcs RFQ</p> |  <p>MCIMX31DVKN5DR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: Out stock RFQ</p> |
|  <p>MCIMX31LCVKN5CR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: Out stock RFQ</p> |  <p>MCIMX31DVKN5D Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: 760 pcs RFQ</p> |
|  <p>MCIMX31LDVKN5D Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: Out stock RFQ</p> |  <p>MCIMX31LCVMN4CR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 400MHZ 473MAPBGA In stock: Out stock RFQ</p> |
|  <p>MCIMX31LCVMN4D Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 400MHZ 473MAPBGA In stock: Out stock RFQ</p> |  <p>MCIMX31DVMN5DR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 473MAPBGA In stock: Out stock RFQ</p> |
|  <p>MCIMX31LCVMN4C Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 400MHZ 473MAPBGA In stock: Out stock RFQ</p> |  <p>MCIMX31LCVMN4DR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 400MHZ 473MAPBGA In stock: Out stock RFQ</p> |