



**MCIMX31VMN5C**

|                                 |  |
|---------------------------------|--|
| Manufacturer Part Number:       | MCIMX31VMN5C                           |
| Manufacturer / Brand            | NXP Semiconductors / Freescale         |
| Part of Description:            | IC MPU I.MX31 532MHZ 473MAPBGA         |
| Datasheets:                     | <a href="#">MCIMX31VMN5C.pdf</a>       |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant             |
| Stock Condition:                | New original, 300 pcs Stock Available. |
| Ship From:                      | Hong Kong                              |
| Shipment Way:                   | DHL/Fedex/TNT/UPS                      |

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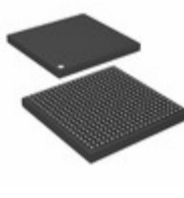





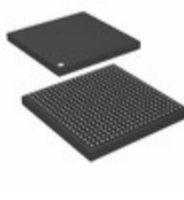
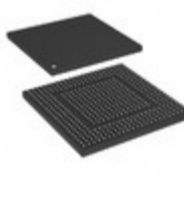
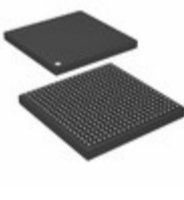
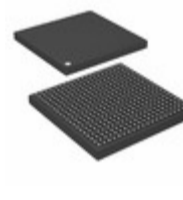
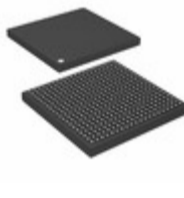
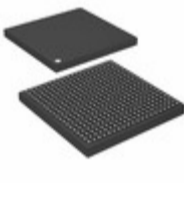
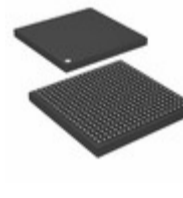


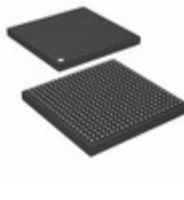



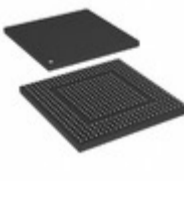



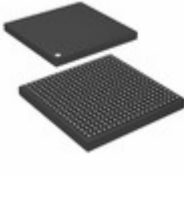
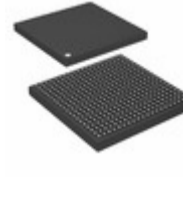
The specifications of MCIMX31VMN5C

|                                 |   |                                  |  |
|---------------------------------|---|----------------------------------|--|
| Part Number                     | MCIMX31VMN5C  | Manufacturer / Brand             | NXP Semiconductors / Freescale   |
| Series                          | i.MX31  | Moisture Sensitivity Level (MSL) | 3 (168 Hours)  |
| Base Part Number                | MCIMX31   | Package / Case                   | 473-LFBGA  |
| Packaging                       | Tray  | Operating Temperature            | 0°C ~ 70°C (TA)  |
| Detailed Description            | ARM1136JF-S Microprocessor IC i.MX31 1 Core, 32-Bit 532MHz                | Core Processor                   | ARM1136JF-S  |
| Speed                           | 532MHz  | Ethernet                         | -  |
| USB                             | USB 2.0 (3)   | Voltage - I/O                    | 1.8V, 2.0V, 2.5V, 2.7V, 3.0V   |
| Number of Cores/Bus Width       | 1 Core, 32-Bit  | Co-Processors/DSP                | Multimedia; GPU, IPU, MPEG-4, VFP  |
| RAM Controllers                 | DDR   | Graphics Acceleration            | Yes  |
| Display & Interface Controllers | Keyboard, Keypad, LCD   | SATA                             | -  |
| Security Features               | Random Number Generator, RTIC, Secure Fusebox, Secure JTAG, Secure Memory | 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 |
| Stock Quantity                  | 300 pcs Stock   | Category                         | <a href="#">Integrated Circuits (ICs) &gt; Embedded - Microprocessors</a>  |
| Description                     | IC MPU I.MX31 532MHZ 473MAPBGA  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant   |

Keywords related to MCIMX31VMN5C

|   |   |   |   |
|---|---|---|---|
| <a href="#">NXP Semiconductors / Freescale MCIMX31VMN5C</a> | <a href="#">MCIMX31VMN5C part</a>                           | <a href="#">MCIMX31VMN5C Price</a>                          | <a href="#">MCIMX31VMN5C Distributor</a>        |
| <a href="#">MCIMX31VMN5C Technical</a>                      | <a href="#">MCIMX31VMN5C Stock</a>                          | <a href="#">MCIMX31VMN5C Inventory</a>                      | <a href="#">MCIMX31VMN5C Supplier</a>           |
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| <a href="#">Freescale MCIMX31VMN5C</a>                      | <a href="#">Freescale Semiconductor - NXP MCIMX31VMN5C</a>  | <a href="#">NXP USA Inc. MCIMX31VMN5C</a>                   |   |

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|  <p><b>MCIMX357DVM5B</b><br/>Description: IC MPU I.MX35 532MHZ 400MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 1900 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>  |  <p><b>MCIMX31LCVKN5D</b><br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 1400 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>   |  <p><b>MCIMX31VKN5C</b><br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 300 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>    |
|  <p><b>MCIMX31VKN5</b><br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 400 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>     |  <p><b>MCIMX31DVKN5D</b><br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 500 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>     |  <p><b>MCIMX31LVKN5</b><br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 200 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>    |
|  <p><b>MCIMX353DVM5B</b><br/>Description: IC MPU I.MX35 532MHZ 400MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 8700 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>  | <p>IMAGE NOT AVAILABLE</p> <p><b>MCIMX353DVQ5C</b><br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>Manufacturers: FREESCAL<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>  | <p>IMAGE NOT AVAILABLE</p> <p><b>MCIMX37NVK5A</b><br/>Description: MCIMX37NVK5A FREESCAL BGA<br/>Manufacturers: FREESCAL<br/>In Stock: New original, 900 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>  |
|  <p><b>MCIMX31LCVMN4C</b><br/>Description: IC MPU I.MX31 400MHZ 473MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>  |  <p><b>MCIMX357DJQ5C</b><br/>Description: IC MPU I.MX35 532MHZ 400MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>     |  <p><b>MCIMX351AVM4B</b><br/>Description: IC MPU I.MX35 400MHZ 400MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 400 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>   |
|  <p><b>MCIMX357CJQ5C</b><br/>Description: IC MPU I.MX35 532MHZ 400MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 300 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>   |  <p><b>MCIMX351AJQ5C</b><br/>Description: IC MPU I.MX35 532MHZ 400MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 2300 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>    |  <p><b>MCIMX356AJQ5C</b><br/>Description: IC MPU I.MX35 532MHZ 400MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>   |
| <p>IMAGE NOT AVAILABLE</p> <p><b>MCIMX31VMN5B</b><br/>Description: MCIMX31VMN5B FREESCAL PBGA<br/>Manufacturers: FREESCAL<br/>In Stock: New original, 4900 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>   |  <p><b>MCIMX31LDVKN5DR2</b><br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 6900 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p> |  <p><b>MCIMX31LDVKN5D</b><br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 5100 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p> |
|  <p><b>MCIMX355AVM5B</b><br/>Description: IC MPU I.MX35 532MHZ 400MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>   |  <p><b>MCIMX31LVKN5B</b><br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>     |  <p><b>MCIMX31LVKN5C</b><br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 400 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>   |
|  <p><b>MCIMX353DVM</b><br/>Description: MCIMX353DVM FREESCALE BGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>          |  <p><b>MCIMX31LCVMN4D</b><br/>Description: IC MPU I.MX31 400MHZ 473MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 600 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>    |  <p><b>MCIMX3LDVKN5D</b><br/>Description: MCIMX3LDVKN5D FREESCALE BGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 400 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>      |
|  <p><b>MCIMX31LVKN5R2</b><br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 3000 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p> | <p>IMAGE NOT AVAILABLE</p> <p><b>MCIMX32VK5</b><br/>Description: MCIMX32VK5 FREESCAL BGA<br/>Manufacturers: FREESCAL<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>  | <p>IMAGE NOT AVAILABLE</p> <p><b>MCIMX31LVKN5 BGA457</b><br/>Description: MCIMX31LVKN5 BGA457 FREESCAL BGA457<br/>Manufacturers: FREESCAL<br/>In Stock: New original, 200 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>   |
|  <p><b>MCIMX31VKN5B</b><br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 200 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>    |  <p><b>MCIMX353CJQ5C</b><br/>Description: IC MPU I.MX35 532MHZ 400MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 100 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>     |  <p><b>MCIMX353DJQ5C</b><br/>Description: IC MPU I.MX35 532MHZ 400MAPBGA<br/>Manufacturers: NXP Semiconductors / Freescale<br/>In Stock: New original, 1000 pcs Stock Available.<br/>Quote: <input type="text" value="RFQ"/></p>  |



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