




NXP Semiconductors / Freescale

## MCIMX31LCVKN5DR2

Part Number:	MCIMX31LCVKN5DR2
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU I.MX31 532MHZ 457MAPBGA
Datasheets:	<a href="#">PDF MCIMX31LCVKN5DR2.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.




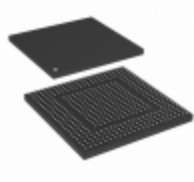
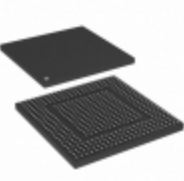
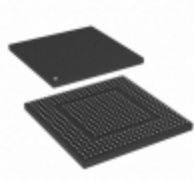


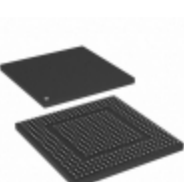
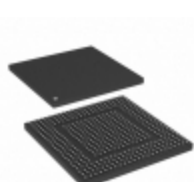

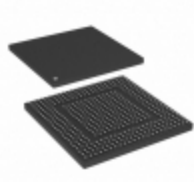
### Specifications of MCIMX31LCVKN5DR2

PART NUMBER	MCIMX31LCVKN5DR2
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX31 532MHZ 457MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF MCIMX31LCVKN5DR2.pdf</a>
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	Tape & Reel (TR)
PACKAGE / CASE	457-LFBGA
OTHER NAMES	935322884518
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 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

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 <p><b>MCIMX31LCVKN5D</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: 461 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MCIMX31LCVKN5C</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCIMX31DVKN5DR2</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCIMX31LCVMN4CR2</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 400MHZ 473MAPBGA In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCIMX31DVMN5DR2</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 473MAPBGA In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCIMX31LCVMN4D</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 400MHZ 473MAPBGA In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCIMX31LDVKN5D</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCIMX31LCVKN5CR2</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCIMX31DVMN5D</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 473MAPBGA In stock: 218 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MCIMX31LCVMN4DR2</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 400MHZ 473MAPBGA In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCIMX31LDVKN5DR2</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCIMX31LCVMN4C</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 400MHZ 473MAPBGA In stock: Out stock</p> <p><a href="#">RFQ</a></p>