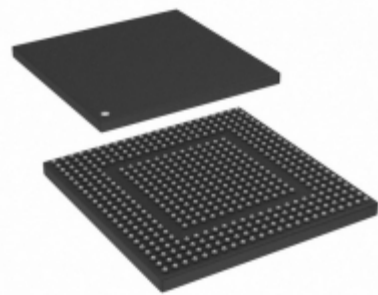


MCIMX31LCVMN4C



Part Number: [MCIMX31LCVMN4C](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU I.MX31 400MHZ 473MAPBGA

Data sheet:  [I.MX31/L Fact Sheet](#)
 [MCIMX31C/LC](#)

RoHs Status: Lead free / RoHS Compliant

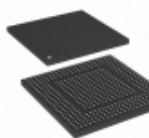
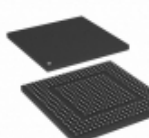
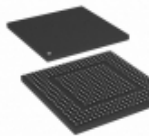
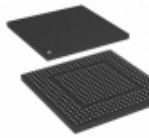
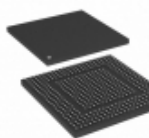
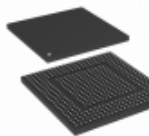
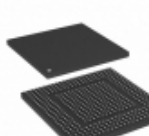
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Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	MCIMX31LCVMN4C	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX31 400MHZ 473MAPBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3487 pcs	Data sheet	I.MX31/L Fact Sheet MCIMX31C/LC
Category	Integrated Circuits (ICs)	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	935321049557	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, I ² C, I ² S, MMC/SD/SDIO, MSHC, PCMCIA, SDHC, SIM, SPI, SSI, UART		
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	Part#: MCIMX31DVKN5DR2 Description: IC MPU I.MX31 532MHZ 457MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX31LDVMN5DR2 Description: IC MPU I.MX31 532MHZ 473MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX31LCVMN4DR2 Description: IC MPU I.MX31 400MHZ 473MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX31LCVMN4D Description: IC MPU I.MX31 400MHZ 473MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX31DVKN5D Description: IC MPU I.MX31 532MHZ 457MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX31LCVMN4CR2 Description: IC MPU I.MX31 400MHZ 473MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX31DVMN5DR2 Description: IC MPU I.MX31 532MHZ 473MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX31LPDK Description: KIT DEV I.MX31 FOR LINUX	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX31LCVKN5DR2 Description: IC MPU I.MX31 532MHZ 457MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX31DVMN5D Description: IC MPU I.MX31 532MHZ 473MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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