

NXP Semiconductors / Freescale

MCIMX31DVKN5DR2

Part Number:	MCIMX31DVKN5DR2
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU I.MX31 532MHZ 457MAPBGA
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	4794 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Specifications of MCIMX31DVKN5DR2

PART NUMBER	MCIMX31DVKN5DR2
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX31 532MHZ 457MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4794 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	Tape & Reel (TR)
PACKAGE / CASE	457-LFBGA
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 ² C, I ² S, MMC/SD/SDIO, MSHC, PCMCIA, SDHC, SIM, SPI, SSI, UART

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<p>MCIMX31LCVK5DR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: 4640 pcs</p> <p>RFQ</p>	<p>MCIMX31DVKN5D Manufacturers: NXP Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: 2577 pcs</p> <p>RFQ</p>	<p>MCIMX31CVMN4DR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 400MHZ 473MAPBGA In stock: 3621 pcs</p> <p>RFQ</p>	<p>MCIMX31LCVK5D Manufacturers: NXP Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: 3431 pcs</p> <p>RFQ</p>
<p>MCIMX31LCVK5NC Manufacturers: NXP Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: 4022 pcs</p> <p>RFQ</p>	<p>MCIMX31CVMN4C Manufacturers: NXP Description: IC MPU I.MX31 400MHZ 473MAPBGA In stock: 2959 pcs</p> <p>RFQ</p>	<p>MCIMX31DVMN5DR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 473MAPBGA In stock: 5157 pcs</p> <p>RFQ</p>	<p>MCIMX31CVMN4CR2 Manufacturers: NXP Description: IC MPU I.MX31 400MHZ 473MAPBGA In stock: 3448 pcs</p> <p>RFQ</p>
<p>MCIMX31DVMN5D Manufacturers: NXP Description: IC MPU I.MX31 532MHZ 473MAPBGA In stock: 2782 pcs</p> <p>RFQ</p>	<p>MCIMX31CVMN5DR2 Manufacturers: NXP Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: 6612 pcs</p> <p>RFQ</p>	<p>MCIMX31CVMN4D Manufacturers: NXP Description: IC MPU I.MX31 400MHZ 473MAPBGA In stock: 2721 pcs</p> <p>RFQ</p>	
<p>MCIMX31LCVK5CR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: 16557 pcs</p> <p>RFQ</p>	<p>Copyright © 2014 Infinity Electronic Components 11/F, Industrial Building, 114-118 Lockhart Road, Wan Chai, Hong Kong</p>		

