

NXP Semiconductors / Freescale

MCIMX31CJKN5D

Part Number:	MCIMX31CJKN5D
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX31 532MHZ 457MAPBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	2727 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MCIMX31CJKN5D

PART NUMBER	MCIMX31CJKN5D
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX31 532MHZ 457MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	2727 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	Tray
PACKAGE / CASE	457-LFBGA
OTHER NAMES	935321414557
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 ² C, I ² S, MMC/SD/SDIO, MSHC, PCMCIA, SDHC, SIM, SPI, SSI, UART

Related Tags

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	MCIMX28LCD Manufacturers: NXP Description: EVAL KIT W/LCD FOR I.MX28 In stock: 502 pcs RFQ		MCIMX287CVM4B Manufacturers: NXP Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: 5958 pcs RFQ
	MCIMX31CVKN5C Manufacturers: NXP Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: 3273 pcs RFQ		MCIMX28EVK Manufacturers: NXP Description: EVAL KIT FOR I.MX28 In stock: 203 pcs RFQ
	MCIMX31CJMN4DR2 Manufacturers: NXP Description: IC MPU I.MX31 400MHZ 473MAPBGA In stock: 4861 pcs RFQ		MCIMX31ADSE Manufacturers: NXP Description: KIT DEV ADS I.MX31 In stock: 6745 pcs RFQ
	MCIMX286DVM4BR Manufacturers: NXP Description: I.MX28 32-BIT MPU ARM926EJ-S CO In stock: 9603 pcs RFQ		MCIMX31CVKN5CR2 Manufacturers: NXP Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: 5832 pcs RFQ
	MCIMX31ADSE/C Manufacturers: NXP Description: KIT APPLICATION DEV ADS I.MX31 In stock: 21 pcs RFQ		MCIMX31CJMN4C Manufacturers: NXP Description: IC MPU I.MX31 400MHZ 473MAPBGA In stock: 3307 pcs RFQ
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