



NXP Semiconductors / Freescale

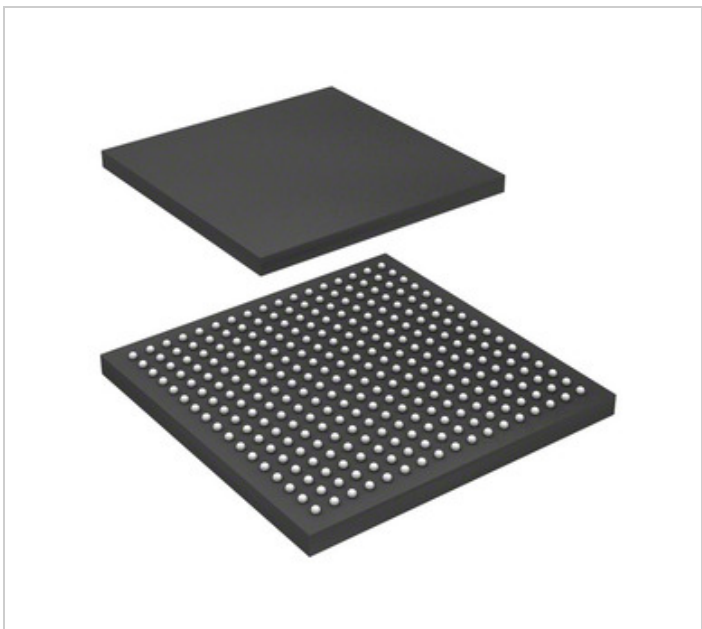


Image may be representation. See specifications for product details.

MCIMX287CVM4B

Part Number:	MCIMX287CVM4B
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX28 454MHZ 289MAPBGA
	 1.MCIMX287CVM4B.pdf
	 2.MCIMX287CVM4B.pdf
	 3.MCIMX287CVM4B.pdf
	 4.MCIMX287CVM4B.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

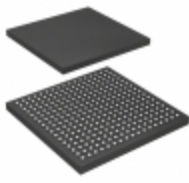
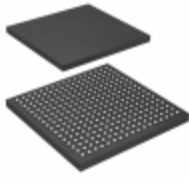
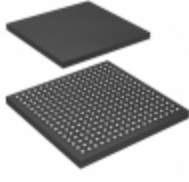
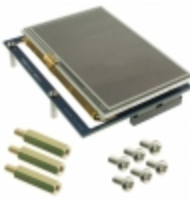
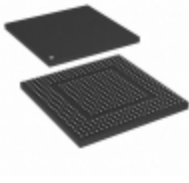
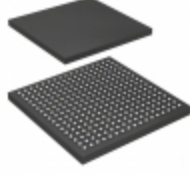
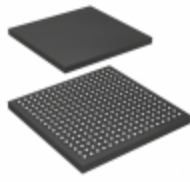
Specifications of MCIMX287CVM4B

PART NUMBER	MCIMX287CVM4B
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX28 454MHZ 289MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MCIMX287CVM4B.pdf  2.MCIMX287CVM4B.pdf  3.MCIMX287CVM4B.pdf  4.MCIMX287CVM4B.pdf
VOLTAGE - I/O	1.8V, 3.3V
USB	USB 2.0 + PHY (2)
SUPPLIER DEVICE PACKAGE	289-MAPBGA (14x14)
SPEED	454MHz
SERIES	i.MX28
SECURITY FEATURES	Boot Security, Cryptography, Hardware ID
SATA	-
RAM CONTROLLERS	LVDDR, LVDDR2, DDR2
PACKAGING	Tray
PACKAGE / CASE	289-LFBGA
OTHER NAMES	935314282557
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF CORES/BUS WIDTH	1 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	15 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GRAPHICS ACCELERATION	No
ETHERNET	10/100 Mbps (1)
DISPLAY & INTERFACE CONTROLLERS	Keypad, LCD, Touchscreen
DETAILED DESCRIPTION	ARM926EJ-S Microprocessor IC i.MX28 1 Core, 32-Bit 454MHz 289-MAPBGA (14x14)
CORE PROCESSOR	ARM926EJ-S
CO-PROCESSORS/DSP	Data; DCP
BASE PART NUMBER	MCIMX287
ADDITIONAL INTERFACES	CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, SSP, UART

Related Tags

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MCIMX287CVM4B PDF Datasheet	MCIMX287CVM4B Download Datasheet	MCIMX287CVM4B Datasheet
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Freescale Semiconductor - NXP MCIMX287CVM4B	NXP USA Inc. MCIMX287CVM4B	

Related Products

 MCIMX286DVM4B Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: 760 pcs RFQ	 MCIMX31ADSE Manufacturers: NXP Semiconductors / Freescale Description: KIT DEV ADS I.MX31 In stock: Out stock RFQ
 MCIMX283DVM4BR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: Out stock RFQ	 MCIMX28EVK Manufacturers: NXP Semiconductors / Freescale Description: EVAL KIT FOR I.MX28 In stock: 14 pcs RFQ
 MCIMX286CVM4B Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: Out stock RFQ	 MCIMX31ADSE/C Manufacturers: NXP Semiconductors / Freescale Description: KIT APPLICATION DEV ADS I.MX31 In stock: Out stock RFQ
 MCIMX31CJKN5D Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 532MHZ 457MAPBGA In stock: 53 pcs RFQ	 MCIMX28LCD Manufacturers: NXP Semiconductors / Freescale Description: EVAL KIT W/LCD FOR I.MX28 In stock: 15 pcs RFQ
 MCIMX31CJMN4C Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX31 400MHZ 473MAPBGA In stock: Out stock RFQ	 MCIMX286CVM4BR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: Out stock RFQ
 MCIMX286DVM4BR Manufacturers: NXP Semiconductors / Freescale Description: I.MX28 32-BIT MPU ARM926EJ-S CO In stock: Out stock RFQ	 MCIMX285AVM4B Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: Out stock RFQ