



NXP Semiconductors / Freescale

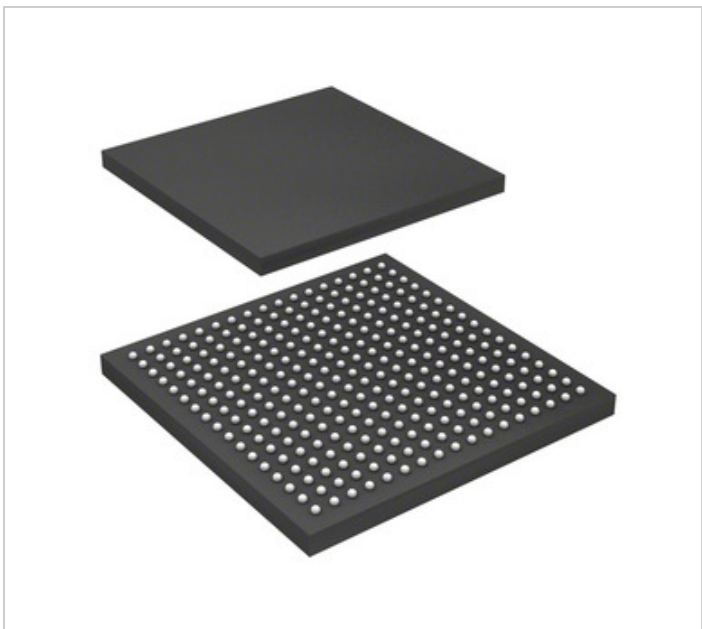


Image may be representation. See specifications for product details.

MCIMX283DVM4B

Part Number:	MCIMX283DVM4B
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX28 454MHZ 289MAPBGA
	PDF 1.MCIMX283DVM4B.pdf
	PDF 2.MCIMX283DVM4B.pdf
	PDF 3.MCIMX283DVM4B.pdf
	PDF 4.MCIMX283DVM4B.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

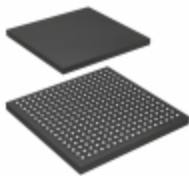
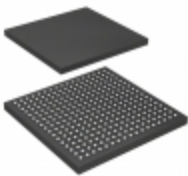
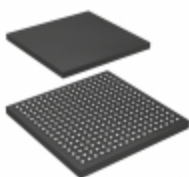
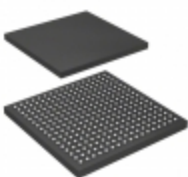
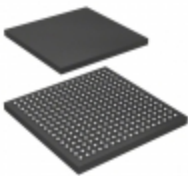
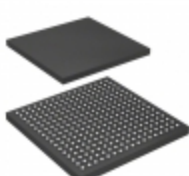
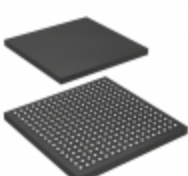
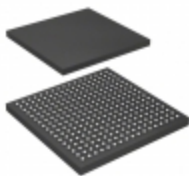
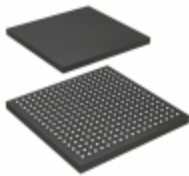
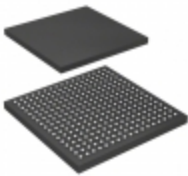
Specifications of MCIMX283DVM4B

PART NUMBER	MCIMX283DVM4B
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX28 454MHZ 289MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MCIMX283DVM4B.pdf PDF 2.MCIMX283DVM4B.pdf PDF 3.MCIMX283DVM4B.pdf PDF 4.MCIMX283DVM4B.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	935314285557
OPERATING TEMPERATURE	-20°C ~ 70°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	Keyboard, 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	MCIMX283
ADDITIONAL INTERFACES	I ² C, I ² S, MMC/SD/SDIO, SAI, SPI, SSI, SSP, UART

Related Tags

NXP Semiconductors / Freescale MCIMX283DVM4B	MCIMX283DVM4B Distributor	MCIMX283DVM4B Supplier
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Related Products

 MCIMX283DVM4B2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: Out stock RFQ	 MCIMX280DVM4B Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: Out stock RFQ
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 MCIMX280DVM4BR Manufacturers: NXP Semiconductors / Freescale Description: I.MX28 32-BIT MPU ARM926EJ-S CO In stock: Out stock RFQ	 MCIMX286DVM4B Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: 760 pcs RFQ
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