



MCIMX280DVM4B

Part Number: **MCIMX280DVM4B**
 Product Description: IC MPU I.MX28 454MHZ 289MAPBGA
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [1.MCIMX280DVM4B.pdf](#)
[2.MCIMX280DVM4B.pdf](#)
[3.MCIMX280DVM4B.pdf](#)

Manufacturer/Brand: NXP Semiconductors / Freescale
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation.
 See specifications for product details.

Product details

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Data sheet	1.MCIMX280DVM4B.pdf2.MCIMX280DVM4B.pdf3.MCIMX280DVM4B.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	935325577557	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	Keypad	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	MCIMX280	Additional Interfaces	I ² C, I ² S, MMC/SD/SDIO, SAI, SPI, SSI, SSP, UART

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