

MCIMX280CVM4BR2



Part Number: [MCIMX280CVM4BR2](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU I.MX28 454MHZ 289MAPBGA

Data sheet:  [i.MX28](#)

RoHs Status: Lead free / RoHS Compliant

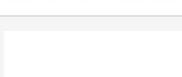
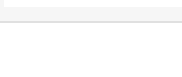
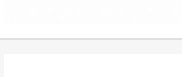
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PRODUCT PARAMETER			
Part Number	MCIMX280CVM4BR2	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX28 454MHZ 289MAPBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13390 pcs	Data sheet	i.MX28
Category	Integrated Circuits (ICs)	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	Tape & Reel (TR)
Package / Case	289-LFBGA	Other Names	935323113518
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	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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