



**MCIMX285AVM4B**

Manufacturer Part Number:	MCIMX285AVM4B
Manufacturer / Brand	NXP Semiconductors / Freescale
Part of Description:	IC MPU I.MX28 454MHZ 289MAPBGA
Datasheets:	<a href="#">MCIMX285AVM4B(1).pdf</a> <a href="#">MCIMX285AVM4B(2).pdf</a> <a href="#">MCIMX285AVM4B(3).pdf</a>
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 100 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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The specifications of MCIMX285AVM4B

Part Number	MCIMX285AVM4B	Manufacturer / Brand	NXP Semiconductors / Freescale
Series	i.MX28	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Base Part Number	MCIMX285	Package / Case	289-LFBGA
Packaging	Tray	Supplier Device Package	289-MAPBGA (14x14)
Operating Temperature	-40°C ~ 85°C (TA)	Detailed Description	ARM926EJ-S Microprocessor IC i.MX28 1 Core, 32-Bit 454MHz 289-MAPBGA (14x14)
Core Processor	ARM926EJ-S	Speed	454MHz
Ethernet	10/100 Mbps (1)	USB	USB 2.0 + PHY (2)
Voltage - I/O	1.8V, 3.3V	Number of Cores/Bus Width	1 Core, 32-Bit
Co-Processors/DSP	Data; DCP	RAM Controllers	LVDDR, LVDDR2, DDR2
Graphics Acceleration	No	Display & Interface Controllers	Keypad, LCD, Touchscreen
SATA	-	Security Features	Boot Security, Cryptography, Hardware ID
Additional Interfaces	CAN, PC, PS, MMC/SD/SDIO, SAI, SPI, SSI, SSP, UART	Other Names	935314284557
Stock Quantity	100 pcs Stock	Category	<a href="#">Integrated Circuits (ICs) &gt; Embedded - Microprocessors</a>
Description	IC MPU I.MX28 454MHZ 289MAPBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

Keywords related to MCIMX285AVM4B

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<p><b>MCIMX27VOP4A</b> Description: MCIMX27VOP4A FREESCALE BGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 100 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>MCIMX27LVOP4</b> Description: MCIMX27LVOP4 FREESCALE BGA Manufacturers: FREESCALE In Stock: New original, 200 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>MCIMX27VOP4A</b> Description: IC MPU I.MX27 400MHZ 404MAPBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 3300 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
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<p><b>MCIMX31CJMN4C</b> Description: IC MPU I.MX31 400MHZ 473MAPBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 100 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>MCIMX281AVM4B</b> Description: IC MPU I.MX28 454MHZ 289MAPBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 800 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>MCIMX31DVKN5D</b> Description: IC MPU I.MX31 532MHZ 457MAPBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 500 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
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<p><b>MCIMX287CVM4B</b> Description: IC MPU I.MX28 454MHZ 289MAPBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 800 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>MCIMX283DVM4B</b> Description: IC MPU I.MX28 454MHZ 289MAPBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 400 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>MCIMX27LVOP4A</b> Description: IC MPU I.MX27 400MHZ 404MAPBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 2900 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>MCIMX258CJM4</b> Description: IC MPU I.MX25 400MHZ 400MAPBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 100 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>MCIMX31LCVMN4D</b> Description: IC MPU I.MX31 400MHZ 473MAPBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 600 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>MCIMX27LMOP4A</b> Description: IC MPU I.MX27 400MHZ 473MAPBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 300 pcs Stock Available. Quote: <a href="#">RFQ</a></p>
<p><b>MCIMX31LCVKN5D</b> Description: IC MPU I.MX31 532MHZ 457MAPBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 1400 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p>IMAGE NOT AVAILABLE</p> <p><b>MCIMX31LVKN5 BGA457</b> Description: MCIMX31LVKN5 BGA457 FREESCALE BGA457 Manufacturers: FREESCALE In Stock: New original, 200 pcs Stock Available. Quote: <a href="#">RFQ</a></p>	<p><b>MCIMX280DVM4B</b> Description: IC MPU I.MX28 454MHZ 289MAPBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 6100 pcs Stock Available. Quote: <a href="#">RFQ</a></p>



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