

NXP Semiconductors / Freescale

MCIMX285AVM4B

Part Number:	MCIMX285AVM4B
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX28 454MHZ 289MAPBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	8128 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

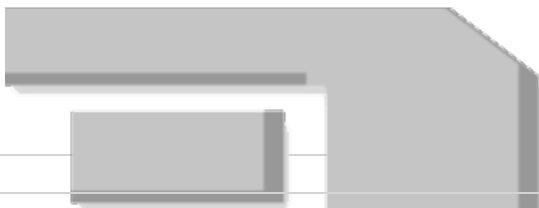
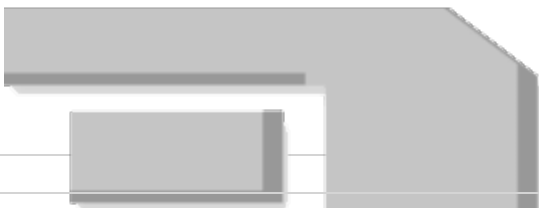
Specifications of MCIMX285AVM4B

PART NUMBER	MCIMX285AVM4B
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX28 454MHZ 289MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8128 pcs
DATA SHEET	
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	935314284557
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, 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	MCIMX285
ADDITIONAL INTERFACES	CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, SSP, UART

Related Tags

MCIMX285AVM4B	MCIMX285AVM4B Distributor	MCIMX285AVM4B Supplier
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Related Products

	MCIMX283DVM4BR2 Manufacturers: NXP Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: 10321 pcs RFQ		MCIMX283DJM4A Manufacturers: NXP Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: 6103 pcs RFQ
	MCIMX286DVM4B Manufacturers: NXP Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: 5903 pcs RFQ		MCIMX283CVM4B Manufacturers: NXP Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: 6152 pcs RFQ
	MCIMX283CVM4BR2 Manufacturers: NXP Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: 10157 pcs RFQ		MCIMX286CVM4B Manufacturers: NXP Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: 5035 pcs RFQ
	MCIMX286DVM4BR Manufacturers: NXP Description: I.MX28 32-BIT MPU ARM926EJ-S CO In stock: 9603 pcs RFQ		MCIMX287CVM4B Manufacturers: NXP Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: 5958 pcs RFQ
	MCIMX286CVM4BR2 Manufacturers: NXP Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: 8937 pcs RFQ		MCIMX281AVM4B Manufacturers: NXP Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: 4909 pcs RFQ
	MCIMX283DVM4B Manufacturers: NXP Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: 8340 pcs RFQ		MCIMX287CVM4B Manufacturers: NXP Description: IC MPU I.MX28 454MHZ 289MAPBGA In stock: 5958 pcs RFQ