

NXP Semiconductors / Freescale

MCIMX255AVM4

Part Number:	MCIMX255AVM4
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX25 400MHZ 400MAPBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	5888 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

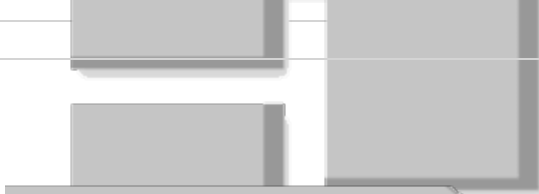
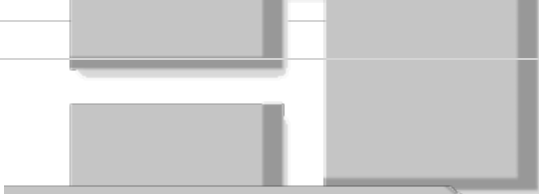
Specifications of MCIMX255AVM4

PART NUMBER	MCIMX255AVM4
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX25 400MHZ 400MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5888 pcs
DATA SHEET	
VOLTAGE - I/O	2.0V, 2.5V, 2.7V, 3.0V, 3.3V
USB	USB 2.0 + PHY (2)
SUPPLIER DEVICE PACKAGE	400-MAPBGA (17x17)
SPEED	400MHz
SERIES	i.MX25
SECURITY FEATURES	Boot Security, Cryptography, Secure Fusebox, Secure JTAG, Secure Memory, Tamper Detection
SATA	-
RAM CONTROLLERS	LPDDR, DDR, DDR2
PACKAGING	Tray
PACKAGE / CASE	400-LFBGA
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.MX25 1 Core, 32-Bit 400MHz 400-MAPBGA (17x17)
CORE PROCESSOR	ARM926EJ-S
CO-PROCESSORS/DSP	-
BASE PART NUMBER	MCIMX255
ADDITIONAL INTERFACES	CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, SSP, UART

Related Tags

MCIMX255AVM4	MCIMX255AVM4 Distributor	MCIMX255AVM4 Supplier
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Related Products

	MCIMX255AJM4AR2 Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 8613 pcs RFQ		MCIMX255AJM4 Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 3897 pcs RFQ
	MCIMX257DJM4 Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 3215 pcs RFQ		MCIMX257CJM4AR2 Manufacturers: NXP Description: I.MX25 32-BIT MPU ARM926EJ-S CO In stock: 8558 pcs RFQ
	MCIMX257CJM4A Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 5811 pcs RFQ		MCIMX257CVM4 Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 6751 pcs RFQ
	MCIMX253DVM4 Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 6690 pcs RFQ		MCIMX255AJM4A Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 4619 pcs RFQ
	MCIMX257CJM4 Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 6216 pcs RFQ		MCIMX257CJN4A Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 347MAPBGA In stock: 9006 pcs RFQ
	MCIMX253DJM4 Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 5765 pcs RFQ		MCIMX253DJM4A Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 7147 pcs RFQ