

NXP Semiconductors / Freescale



MCIMX255AJM4AR2

Part Number:	MCIMX255AJM4AR2
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX25 400MHZ 400MAPBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	8613 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MCIMX255AJM4AR2

PART NUMBER	MCIMX255AJM4AR2
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX25 400MHZ 400MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8613 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	Tape & Reel (TR)
PACKAGE / CASE	400-LFBGA
OTHER NAMES	935321472518
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

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	MCIMX257CJM4AR2 Manufacturers: NXP Description: I.MX25 32-BIT MPU ARM926EJ-S CO In stock: 8558 pcs RFQ		MCIMX255AJM4 Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 3897 pcs RFQ
	MCIMX257CVM4 Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 6751 pcs RFQ		MCIMX257CJN4A Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 347MAPBGA In stock: 9006 pcs RFQ
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