

NXP Semiconductors / Freescale

### MCIMX251AJM4A

Part Number:	MCIMX251AJM4A
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU I.MX25 400MHZ 400MAPBGA
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	5607 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

#### Specifications of MCIMX251AJM4A

PART NUMBER	MCIMX251AJM4A
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX25 400MHZ 400MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5607 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
OTHER NAMES	935311276557
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.MX25 1 Core, 32-Bit 400MHz 400-MAPBGA (17x17)
CORE PROCESSOR	ARM926EJ-S
CO-PROCESSORS/DSP	-
BASE PART NUMBER	MCIMX251
ADDITIONAL INTERFACES	CAN, I <sup>2</sup> C, I <sup>2</sup> S, MMC/SD/SDIO, SAI, SPI, SSI, SSP, UART

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	<p><b>MCIMX23WEVKJ</b></p> <p>Manufacturers: NXP Description: BOARD DEV FOR I.MX23 In stock: 5388 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MCIMX23WEVKJC</b></p> <p>Manufacturers: NXP Description: KIT EVALUATION I.MX23 In stock: 209 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MCIMX250DJM4AR2</b></p> <p>Manufacturers: NXP Description: I.MX25 32-BIT MPU ARM926EJ-S CO In stock: 13394 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MCIMX250DJM4A</b></p> <p>Manufacturers: NXP Description: IC MPU I.MX25 400MAPBGA In stock: 8530 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MCIMX23LEVKJC</b></p> <p>Manufacturers: NXP Description: BOARD DEV FOR I.MX23 In stock: 194 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MCIMX253DJM4</b></p> <p>Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 5765 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MCIMX251AJM4AR2</b></p> <p>Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 8227 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MCIMX253CVM4</b></p> <p>Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 4049 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MCIMX253CJM4</b></p> <p>Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 3362 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MCIMX251AJM4</b></p> <p>Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 5982 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MCIMX251AVM4</b></p> <p>Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 4727 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MCIMX253CJM4A</b></p> <p>Manufacturers: NXP Description: IC MPU I.MX25 400MHZ 400MAPBGA In stock: 6282 pcs</p> <p><a href="#">RFQ</a></p>