

MCIMX258CJM4



Part Number: [MCIMX258CJM4](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU I.MX25 400MHZ 400MAPBGA

Data sheet:  [MCIMX25\(3,7,8\)\(C,D\)\(J,V\)M4](#)

RoHs Status: Lead free / RoHS Compliant

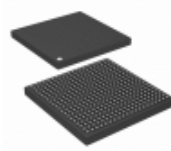
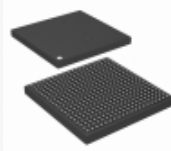
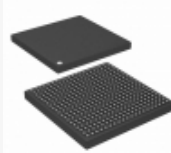
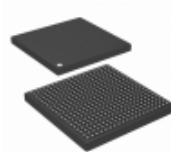
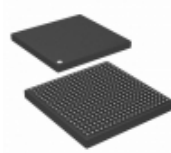
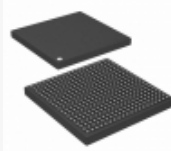
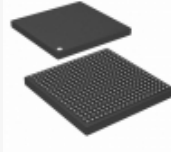
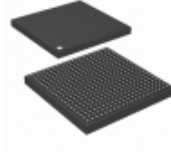
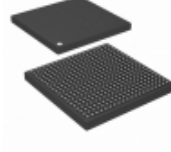
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MCIMX258CJM4	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX25 400MHZ 400MAPBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4388 pcs	Data sheet	MCIMX25(3,7,8)(C,D)(J,V)M4
Category	Integrated Circuits (ICs)	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	MCIMX258
Additional Interfaces	CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, SSP, UART		
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	Part#: MCIMX258CJM4AR2 Description: I.MX25 32-BIT MPU ARM926EJ-S CO	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX27LITEKIT Description: KIT EVALUATION LITE I.MX27	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX258CVM4 Description: IC MPU I.MX25 400MHZ 400MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX257CJN4A Description: IC MPU I.MX25 400MHZ 347MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX258CJM4A Description: IC MPU I.MX25 400MHZ 400MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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