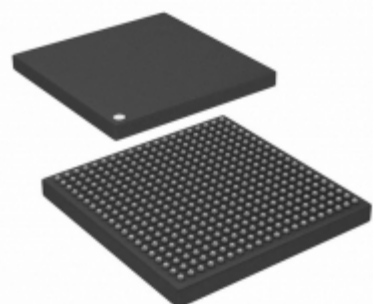


MCIMX255AVM4



Part Number: [MCIMX255AVM4](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU I.MX25 400MHZ 400MAPBGA

Data sheet:  [i.MX25 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

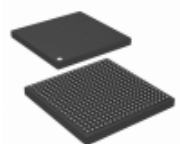
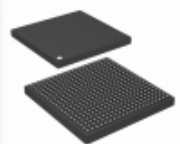
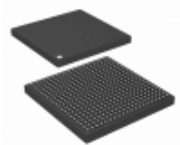
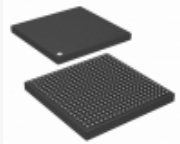
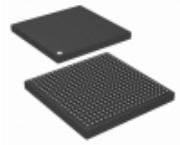
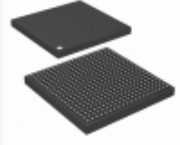
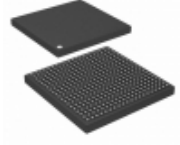
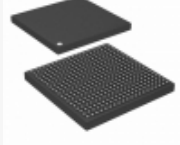
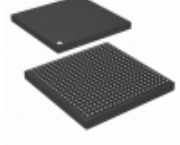
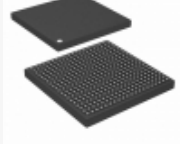
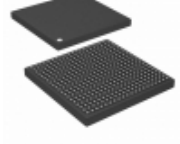
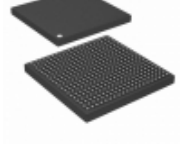
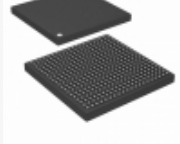
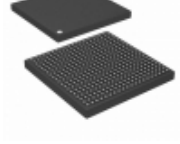
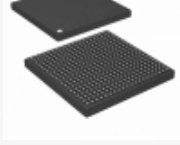
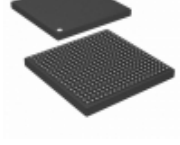
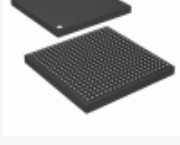
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
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	5667 pcs	Data sheet	i.MX25 Datasheet
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	MCIMX255
Additional Interfaces	CAN, I ² C, I ² S, MMC/SD/SDIO, SAI, SPI, SSI, SSP, UART		
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