

MCIMX502CVM8B



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NXP

Part Number:

MCIMX502CVM8B

Manufacturer:

NXP Semiconductors / Freescale

Description:

IC MPU I.MX50 800MHZ 400MAPBGA

Data sheet:

 [iMS50 Family Fact Sheet](#)

 [MCIMX50 Datasheet](#)

RoHS Status:

Lead free / RoHS Compliant

Ship From:

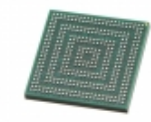
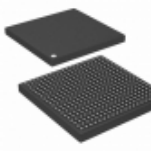
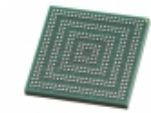
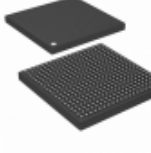
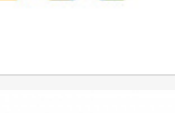
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MCIMX502CVM8B	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX50 800MHZ 400MAPBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	7110 pcs	Data sheet	iMS50 Family Fact Sheet MCIMX50 Datasheet
Category	Integrated Circuits (ICs)	Voltage - I/O	1.2V, 1.875V, 2.775V, 3.0V
USB	USB 2.0 + PHY (2)	Supplier Device Package	400-MAPBGA (17x17)
Speed	800MHz	Series	i.MX50
Security Features	Boot Security, Cryptography, Secure JTAG	SATA	-
RAM Controllers	LPDDR, LPDDR2, DDR2	Packaging	Tray
Package / Case	400-LFBGA	Other Names	935323164557
Operating Temperature	0°C ~ 70°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	Yes	Ethernet	10/100 Mbps (1)
Display & Interface Controllers	LCD	Detailed Description	ARM® Cortex®-A8 Microprocessor IC i.MX50 1 Core, 32-Bit 800MHz 400-MAPBGA (17x17)
Core Processor	ARM® Cortex®-A8	Co-Processors/DSP	Multimedia; NEON™ SIMD
Base Part Number	MCIMX502	Additional Interfaces	1-Wire, AC'97, I²C, I²S, MMC/SD, SPI, SSI, UART
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