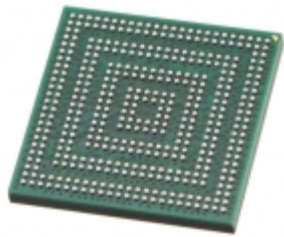


MCIMX507CVK8B



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MCIMX507CVK8B](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU I.MX50 800MHZ 416MAPBGA

Data sheet:  [iMS50 Family Fact Sheet](#)
 [MCIMX50 Datasheet](#)

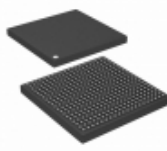
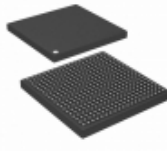
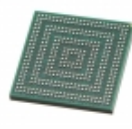
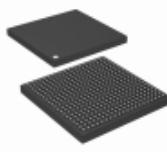
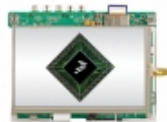
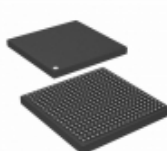
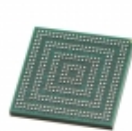
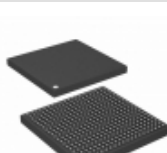
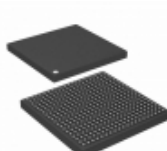
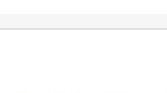
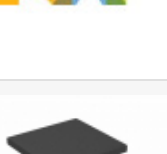
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	MCIMX507CVK8B	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX50 800MHZ 416MAPBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6503 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)	Speed	800MHz
Series	i.MX50	Security Features	Boot Security, Cryptography, Secure JTAG
SATA	-	RAM Controllers	LPDDR, LPDDR2, DDR2
Packaging	Tray	Package / Case	416-LFBGA
Other Names	935323331557	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	Core Processor	ARM® Cortex®-A8
Co-Processors/DSP	Multimedia; NEON™ SIMD	Base Part Number	MCIMX507
Additional Interfaces	1-Wire, AC'97, I²C, I²S, MMC/SD, SPI, SSI, UART		
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	Part#: MCIMX35WPKD Description: KIT DEVELOPMENT I.MX35 WINCE PDK	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX508CVM8B Description: IC MPU I.MX50 800MHZ 400MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX508CVK8B Description: IC MPU I.MX50 800MHZ 416MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX502EVM8B Description: IC MPU I.MX50 800MHZ 400MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX508CVK8BR2 Description: IC MPU I.MX50 800MHZ 416MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX502CVM8B Description: IC MPU I.MX50 800MHZ 400MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX507CVM1B Description: IC MPU I.MX50 800MHZ 400MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX508CZK8B Description: IC MPU I.MX50 800MHZ 416POBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX508CVK1B Description: IC MPU I.MX50 1.0GHZ 416MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX503CVM8BR2 Description: IC MPU I.MX50 800MHZ 400MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX507CVM1BR2 Description: IC MPU I.MX50 800MHZ 400MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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