



NXP Semiconductors / Freescale

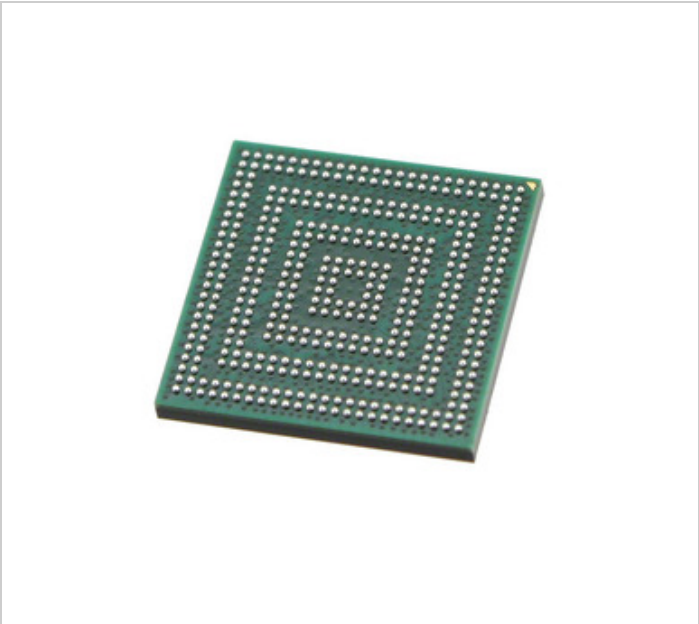


Image may be representation. See specifications for product details.

MCIMX508CVK8B

Part Number:	MCIMX508CVK8B
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX50 800MHZ 416MAPBGA
Datasheets:	 1.MCIMX508CVK8B.pdf
	 2.MCIMX508CVK8B.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

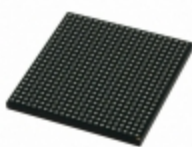
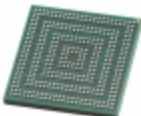
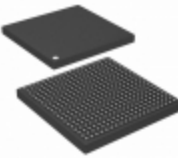
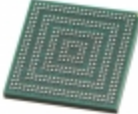
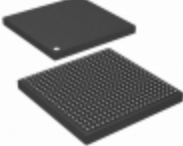
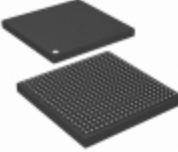
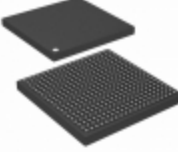
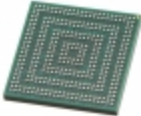
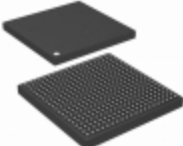
Specifications of MCIMX508CVK8B

PART NUMBER	MCIMX508CVK8B
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX50 800MHZ 416MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MCIMX508CVK8B.pdf  2.MCIMX508CVK8B.pdf
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	935317367557
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	EPDC, 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	MCIMX508
ADDITIONAL INTERFACES	1-Wire, AC'97, I²C, I²S, MMC/SD, SPI, SSI, UART

Related Tags

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MCIMX508CVK8B Price	MCIMX508CVK8B Pictures	MCIMX508CVK8B Image
MCIMX508CVK8B PDF Datasheet	MCIMX508CVK8B Download Datasheet	MCIMX508CVK8B Datasheet
MCIMX508CVK8B Stock	Buy MCIMX508CVK8B	Buy NXP Semiconductors / Freescale MCIMX508CVK8B
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Related Products

 MCIMX512CJM6C Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX51 600MHZ 529BGA In stock: 39 pcs RFQ	 MCIMX507CVK8B Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX50 800MHZ 416MAPBGA In stock: Out stock RFQ
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