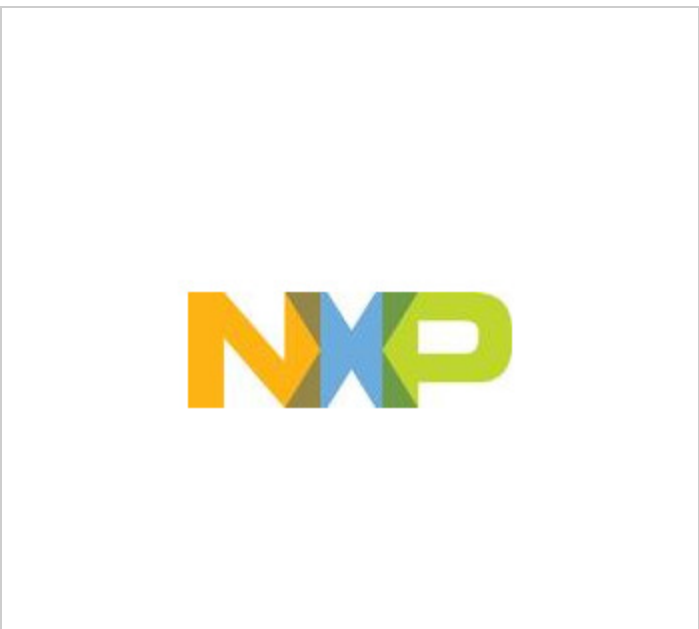




NXP Semiconductors / Freescale



MCIMX508CZK8B

Part Number:	MCIMX508CZK8B
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX50 800MHZ 416POBGA
	 1.MCIMX508CZK8B.pdf
	 2.MCIMX508CZK8B.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	Hong Kong
Ship From	
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

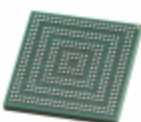
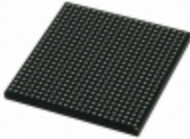
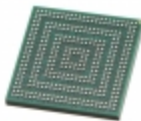
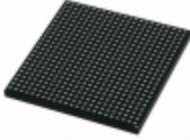
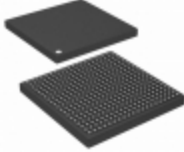
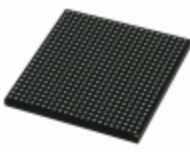
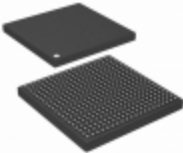
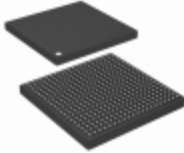
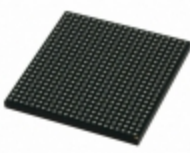
Specifications of MCIMX508CZK8B

PART NUMBER	MCIMX508CZK8B
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX50 800MHZ 416POBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MCIMX508CZK8B.pdf  2.MCIMX508CZK8B.pdf
VOLTAGE - I/O	1.2V, 1.875V, 2.775V, 3.0V
USB	USB 2.0 + PHY (2)
SUPPLIER DEVICE PACKAGE	416-PBGA (13x13)
SPEED	800MHz
SERIES	i.MX50
SECURITY FEATURES	Boot Security, Cryptography, Secure JTAG
SATA	-
RAM CONTROLLERS	LPDDR, LPDDR2, DDR2
PACKAGING	Tray
PACKAGE / CASE	416-VFBGA
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 416-PBGA (13x13)
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

NXP Semiconductors / Freescale MCIMX508CZK8B	MCIMX508CZK8B Distributor	MCIMX508CZK8B Supplier
MCIMX508CZK8B Price	MCIMX508CZK8B Pictures	MCIMX508CZK8B Image
MCIMX508CZK8B PDF Datasheet	MCIMX508CZK8B Download Datasheet	MCIMX508CZK8B Datasheet
MCIMX508CZK8B Stock	Buy MCIMX508CZK8B	Buy NXP Semiconductors / Freescale MCIMX508CZK8B
NXP Semiconductors / Freescale MCIMX508CZK8B	NXP Semiconductors / Freescale Supplier	NXP Semiconductors / Freescale Distributor
NXP Semiconductors / Freescale MCIMX508CZK8B	NXP Semiconductors MCIMX508CZK8B	Freescale MCIMX508CZK8B
Freescale Semiconductor - NXP MCIMX508CZK8B	NXP USA Inc. MCIMX508CZK8B	

Related Products

 MCIMX513CJM6C Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX51 600MHZ 529BGA In stock: Out stock RFQ	 MCIMX508CVK8B Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX50 800MHZ 416MAPBGA In stock: Out stock RFQ
 MCIMX508CVK1B Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX50 1.0GHZ 416MAPBGA In stock: Out stock RFQ	 MCIMX512DJM8CR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX51 800MHZ 529BGA In stock: Out stock RFQ
 MCIMX508CVK8BR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX50 800MHZ 416MAPBGA In stock: Out stock RFQ	 MCIMX512CJM6C Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX51 600MHZ 529BGA In stock: 39 pcs RFQ
 MCIMX508CVM8B Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX50 800MHZ 400MAPBGA In stock: Out stock RFQ	 MCIMX512DJM8C Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX51 800MHZ 529BGA In stock: 161 pcs RFQ
 MCIMX50EVK Manufacturers: NXP Semiconductors / Freescale Description: KIT EVALUATION I.MX50 In stock: 2 pcs RFQ	 MCIMX507CVM8B Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX50 800MHZ 400MAPBGA In stock: 450 pcs RFQ
 MCIMX508CVM8BR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX50 800MHZ 400MAPBGA In stock: Out stock RFQ	 MCIMX512CJM6CR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX51 600MHZ 529BGA In stock: Out stock RFQ