



NXP Semiconductors / Freescale

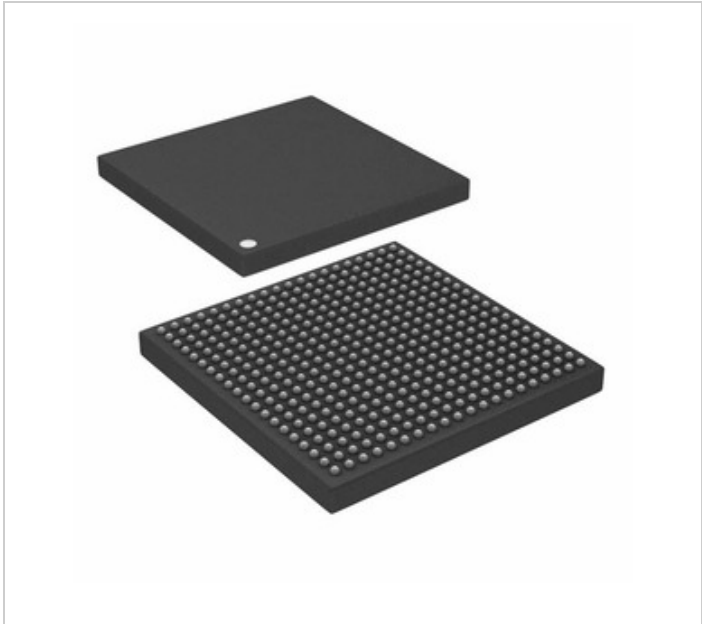


Image may be representation. See specifications for product details.

MCIMX502EVM8B

Part Number:	MCIMX502EVM8B
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX50 800MHZ 400MAPBGA
	 1.MCIMX502EVM8B.pdf
	 2.MCIMX502EVM8B.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

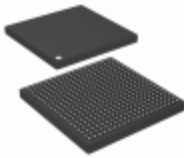
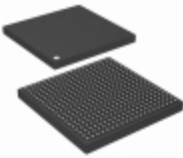
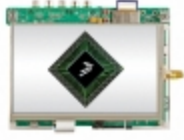
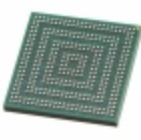
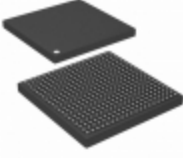
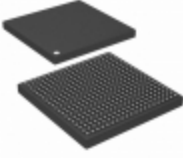
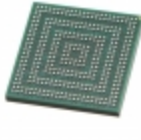
Specifications of MCIMX502EVM8B

PART NUMBER	MCIMX502EVM8B
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX50 800MHZ 400MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MCIMX502EVM8B.pdf  2.MCIMX502EVM8B.pdf
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	935314702557
OPERATING TEMPERATURE	-20°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

Related Tags

NXP Semiconductors / Freescale MCIMX502EVM8B	MCIMX502EVM8B Distributor	MCIMX502EVM8B Supplier
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