

NXP Semiconductors / Freescale



MCIMX503CVM8BR2

Part Number:	MCIMX503CVM8BR2
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX50 800MHZ 400MAPBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6822 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MCIMX503CVM8BR2

PART NUMBER	MCIMX503CVM8BR2
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX50 800MHZ 400MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6822 pcs
DATA SHEET	
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	Tape & Reel (TR)
PACKAGE / CASE	400-LFBGA
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	MCIMX503
ADDITIONAL INTERFACES	1-Wire, AC'97, I²C, I²S, MMC/SD, SPI, SSI, UART

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