

NXP Semiconductors / Freescale

MPC8248ZQTMFA

Part Number:	MPC8248ZQTMFA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU MPC82XX 400MHZ 516BGA
Datasheets:	
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	4228 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MPC8248ZQTMFA

PART NUMBER	MPC8248ZQTMFA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC82XX 400MHZ 516BGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	4228 pcs
DATA SHEET	
VOLTAGE - I/O	3.3V
USB	USB 2.0 (1)
SUPPLIER DEVICE PACKAGE	516-FPBGA (27x27)
SPEED	400MHz
SERIES	MPC82xx
SECURITY FEATURES	Cryptography, Random Number Generator
SATA	-
RAM CONTROLLERS	DRAM, SDRAM
PACKAGING	Tray
PACKAGE / CASE	516-BBGA
OPERATING TEMPERATURE	0°C ~ 105°C (TA)
NUMBER OF CORES/BUS WIDTH	1 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
GRAPHICS ACCELERATION	No
ETHERNET	10/100 Mbps (2)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC G2_LE Microprocessor IC MPC82xx 1 Core, 32-Bit 400MHz 516-FPBGA (27x27)
CORE PROCESSOR	PowerPC G2_LE
CO-PROCESSORS/DSP	Communications; RISC CPM, Security; SEC
BASE PART NUMBER	MPC8248
ADDITIONAL INTERFACES	I²C, SCC, SMC, SPI, UART, USART

Related Tags

MPC8248ZQTMFA	MPC8248ZQTMFA Distributor	MPC8248ZQTMFA Supplier
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Related Products

	MPC8248VRTMFA Manufacturers: NXP Description: IC MPU MPC82XX 400MHZ 516BGA In stock: 1913 pcs RFQ		MPC8248VRPIEA Manufacturers: NXP Description: IC MPU MPC82XX 300MHZ 516BGA In stock: 1696 pcs RFQ
	MPC8250ACZUMHBC Manufacturers: NXP Description: IC MPU MPC82XX 266MHZ 480TBGA In stock: 673 pcs RFQ		MPC8248VRTIEA Manufacturers: NXP Description: IC MPU MPC82XX 400MHZ 516BGA In stock: 1829 pcs RFQ
	MPC8250AVRIHBC Manufacturers: NXP Description: IC MPU MPC82XX 200MHZ 516BGA In stock: 1355 pcs RFQ		MPC8250AVVMHBC Manufacturers: NXP Description: IC MPU MPC82XX 266MHZ 480TBGA In stock: 667 pcs RFQ
	MPC8248ZQMIBA Manufacturers: NXP Description: IC MPU MPC82XX 266MHZ 516BGA In stock: 2239 pcs RFQ		MPC8250ACVRIHBC Manufacturers: NXP Description: IC MPU MPC82XX 200MHZ 516BGA In stock: 1075 pcs RFQ
	MPC8248ZQTIEA Manufacturers: NXP Description: IC MPU MPC82XX 400MHZ 516BGA In stock: 1926 pcs RFQ		MPC8248ZQPIEA Manufacturers: NXP Description: IC MPU MPC82XX 300MHZ 516BGA In stock: 3371 pcs RFQ
	MPC8250ACZQIHBC Manufacturers: NXP Description: IC MPU MPC82XX 200MHZ 516BGA In stock: 1263 pcs RFQ		MPC8250ACVVMHBC Manufacturers: NXP Description: IC MPU MPC82XX 266MHZ 480TBGA In stock: 683 pcs RFQ