

KMPC8248ZQTIEA



Part Number: [KMPC8248ZQTIEA](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC82XX 400MHZ 516BGA

Data sheet:  [MPC8272 PowerQUICC II Family](#)

RoHs Status: Contains lead / RoHS non-compliant

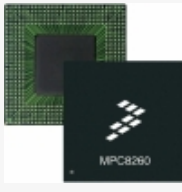
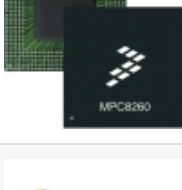
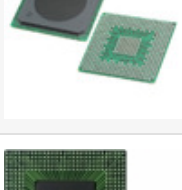
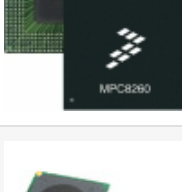
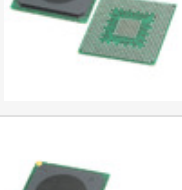
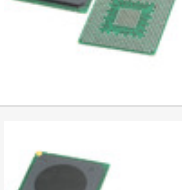
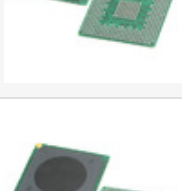
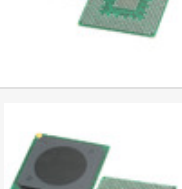
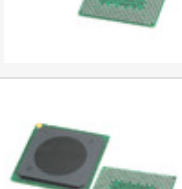
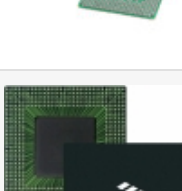
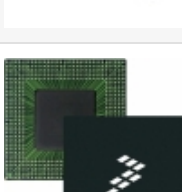
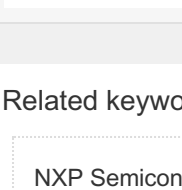
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PRODUCT PARAMETER			
Part Number	KMPC8248ZQTIEA	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU MPC82XX 400MHZ 516BGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	5730 pcs	Data sheet	MPC8272 PowerQUICC II Family
Category	Integrated Circuits (ICs)	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	I ² C, SCC, SMC, SPI, UART, USART		
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	Part#: KMPC8248VRTIEA Description: IC MPU MPC82XX 400MHZ 516BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: KMPC8248VRTMFA Description: IC MPU MPC82XX 400MHZ 516BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: KMPC8248CVRTIEA Description: IC MPU MPC82XX 400MHZ 516BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: KMPC8247ZQTIEA Description: IC MPU MPC82XX 400MHZ 516BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: KMPC8250AVVPIBC Description: IC MPU MPC82XX 300MHZ 480TBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: KMPC8247ZQTMFA Description: IC MPU MPC82XX 400MHZ 516BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: KMPC8248ZQTMFA Description: IC MPU MPC82XX 400MHZ 516BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: KMPC8247CZQTIEA Description: IC MPU MPC82XX 400MHZ 516BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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