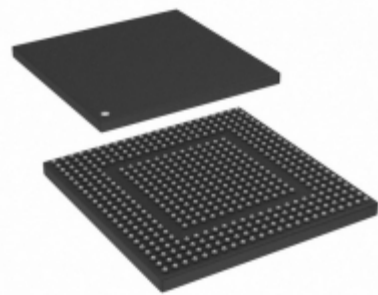


MPC8308ZQAGD



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MPC8308ZQAGD](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC83XX 400MHZ 473MAPBGA

Data sheet:  [MPC8308 Product Brief](#)
 [MPC8308](#)
 [MPC8308 Reference Manual](#)
 [MPC8308 Fact Sheet](#)

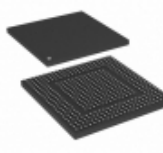
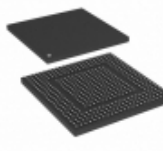
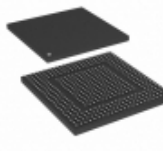
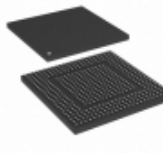
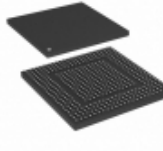
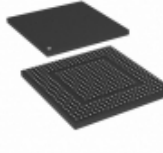
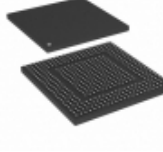
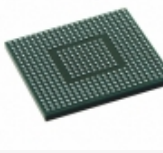
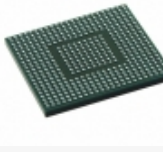
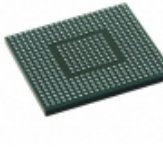
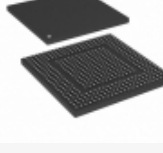
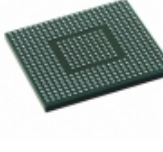
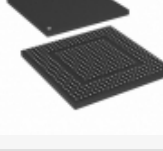
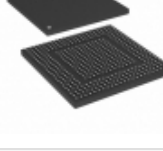
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	MPC8308ZQAGD	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU MPC83XX 400MHZ 473MAPBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4411 pcs	Data sheet	MPC8308 Product Brief MPC8308 MPC8308 Reference Manual MPC8308 Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 (1)	Supplier Device Package	473-MAPBGA (19x19)
Speed	400MHz	Series	MPC83xx
Security Features	-	SATA	-
RAM Controllers	DDR2	Packaging	Tray
Package / Case	473-LFBGA	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	Lead free / RoHS Compliant	Graphics Acceleration	No
Ethernet	10/100/1000 Mbps (3)	Display & Interface Controllers	-
Detailed Description	PowerPC e300c3 Microprocessor IC MPC83xx 1 Core, 32-Bit 400MHz 473-MAPBGA (19x19)	Core Processor	PowerPC e300c3
Co-Processors/DSP	-	Base Part Number	MPC8308
Additional Interfaces	UART, HSSI, I ² C, MMC/SD/SDIO, SPI		
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	Part#: MPC8308ZQAFD Description: IC MPU MPC83XX 333MHZ 473MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8308VMADDA Description: IC MPU MPC83XX 266MHZ 473MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8309-KIT Description: KIT EVALUATION FOR MPC830X	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8308VMAGDA Description: IC MPU MPC83XX 400MHZ 473MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8308VMAFDA Description: IC MPU MPC83XX 333MHZ 473MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8309CVMAHFCA Description: IC MPU MPC83XX 417MHZ 489BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8308ZQADDA Description: IC MPU MPC83XX 266MHZ 473MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8309CVMAFDCA Description: IC MPU MPC83XX 333MHZ 489BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8309-SOM Description: MODULE BOARD FOR MPC830X	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8309VMAGDCA Description: IC MPU MPC83XX 400MHZ 489BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8309CVMAGDCA Description: IC MPU MPC83XX 400MHZ 489BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8308ZQAFDA Description: IC MPU MPC83XX 333MHZ 473MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8309VMADDCA Description: IC MPU MPC83XX 266MHZ 489BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8308ZQADD Description: IC MPU MPC83XX 266MHZ 473MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8309VMAFDCA Description: IC MPU MPC83XX 333MHZ 489BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8308ZQAGDA Description: IC MPU MPC83XX 400MHZ 473MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8308VMAFF Description: IC MPU MPC83XX 333MHZ 473MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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