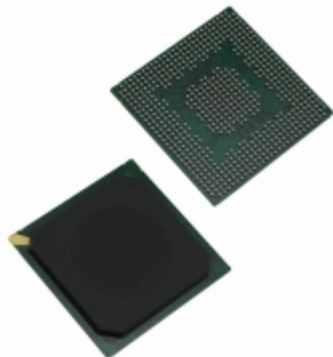


MPC8314ECVRAFDA



Images are for reference only.
See Product Specifications for product details.
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Part Number: MPC8314ECVRAFDA

Manufacturer: NXP Semiconductors / Freescale

Description: IC MPU MPC83XX 333MHZ 620BGA

Data sheet:  [SATA-A-006187 Errata](#)
 [MPC8314E PowerQUICC](#)
 [SATA-A005255 Errata](#)
 [TBI Link Status Errata](#)
 [USB Errata](#)

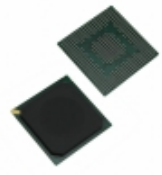
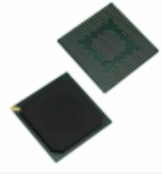
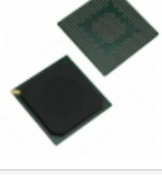
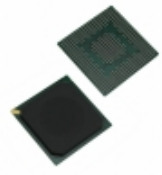
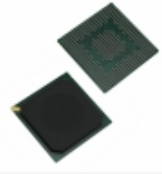
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

PRODUCT PARAMETER			
Part Number	MPC8314ECVRAFDA	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU MPC83XX 333MHZ 620BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2348 pcs	Data sheet	SATA-A-006187 Errata MPC8314E PowerQUICC SATA-A005255 Errata TBI Link Status Errata USB Errata
Category	Integrated Circuits (ICs)	Voltage - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 + PHY (1)	Supplier Device Package	620-PBGA (29x29)
Speed	333MHz	Series	MPC83xx
Security Features	Cryptography, Random Number Generator	SATA	-
RAM Controllers	DDR, DDR2	Packaging	Tray
Package / Case	620-BBGA Exposed Pad	Other Names	935325398557
Operating Temperature	-40°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 (2)
Display & Interface Controllers	-	Detailed Description	PowerPC e300c3 Microprocessor IC MPC83xx 1 Core, 32-Bit 333MHz 620-PBGA (29x29)
Core Processor	PowerPC e300c3	Co-Processors/DSP	Security; SEC 3.3
Base Part Number	MPC8314	Additional Interfaces	DUART, HSSI, I²C, PCI, SPI, TDM
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	Part#: MPC8313ZQAFFB Description: IC MPU MPC83XX 333MHZ 516BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8314VRADDA Description: IC MPU MPC83XX 266MHZ 620BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MPC8313ZQADDB Description: IC MPU MPC83XX 267MHZ 516BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8314VRAGDA Description: IC MPU MPC83XX 400MHZ 620BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8313ZQADDC Description: IC MPU MPC83XX 267MHZ 516BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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RoHS

