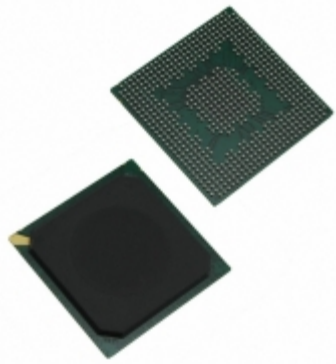


MPC8314EVRADDA



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MPC8314EVRADDA](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC83XX 266MHZ 620BGA

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

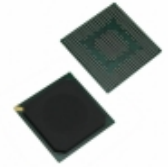
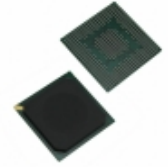
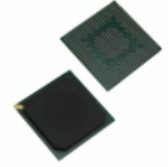
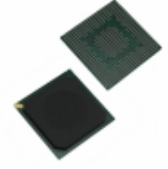
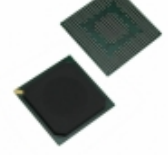
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	MPC8314EVRADDA	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU MPC83XX 266MHZ 620BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2979 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	266MHz	Series	MPC83xx
Security Features	Cryptography, Random Number Generator	SATA	-
RAM Controllers	DDR, DDR2	Packaging	Tray
Package / Case	620-BBGA Exposed Pad	Other Names	935319149557
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 (2)
Display & Interface Controllers	-	Detailed Description	PowerPC e300c3 Microprocessor IC MPC83xx 1 Core, 32-Bit 266MHz 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#: MPC8314VRADDA Description: IC MPU MPC83XX 266MHZ 620BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8314ECVRAGDA Description: IC MPU MPC83XX 400MHZ 620BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8314EVRAFDA Description: IC MPU MPC83XX 333MHZ 620BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8313ZQAFF Description: IC MPU MPC83XX 333MHZ 516BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8313ZQADDC Description: IC MPU MPC83XX 267MHZ 516BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8315CVRAGDA Description: IC MPU MPC83XX 400MHZ 620BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8314CVRADDA Description: IC MPU MPC83XX 266MHZ 620BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8315E-RDBA Description: BOARD MPU 8315 POWERQUICC II	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8314VRAGDA Description: IC MPU MPC83XX 400MHZ 620BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8314EVRAGDA Description: IC MPU MPC83XX 400MHZ 620BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8315CVRAFDA Description: IC MPU MPC83XX 333MHZ 620BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8313ZQAGDC Description: IC MPU MPC83XX 400MHZ 516BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8315E-RDB Description: PROCESSOR BOARD PWRQUICCII BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8315CVRADDA Description: IC MPU MPC83XX 266MHZ 620BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8314VRAFDA Description: IC MPU MPC83XX 333MHZ 620BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8314ECVRADDA Description: IC MPU MPC83XX 266MHZ 620BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8314ECVRAFDA Description: IC MPU MPC83XX 333MHZ 620BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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RoHS

