

NXP Semiconductors / Freescale

### MPC8315CVRAGDA

Part Number:	MPC8315CVRAGDA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU MPC83XX 400MHZ 620BGA
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	2029 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

#### Specifications of MPC8315CVRAGDA

PART NUMBER	MPC8315CVRAGDA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 400MHZ 620BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	2029 pcs
DATA SHEET	
VOLTAGE - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 + PHY (1)
SUPPLIER DEVICE PACKAGE	620-PBGA (29x29)
SPEED	400MHz
SERIES	MPC83xx
SECURITY FEATURES	-
SATA	SATA 3Gbps (2)
RAM CONTROLLERS	DDR, DDR2
PACKAGING	Tray
PACKAGE / CASE	620-BBGA Exposed Pad
OTHER NAMES	935325395557
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 400MHz 620-PBGA (29x29)
CORE PROCESSOR	PowerPC e300c3
CO-PROCESSORS/DSP	-
BASE PART NUMBER	MPC8315
ADDITIONAL INTERFACES	DUART, I <sup>2</sup> C, PCI, SPI, TDM

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	<p><b>MPC8315ECVRAFDA</b></p> <p>Manufacturers: NXP Description: IC MPU MPC83XX 333MHZ 620BGA In stock: 7004 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MPC8314VRAFDA</b></p> <p>Manufacturers: NXP Description: IC MPU MPC83XX 333MHZ 620BGA In stock: 3326 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MPC8315E-RDB</b></p> <p>Manufacturers: NXP Description: PROCESSOR BOARD PWRQUICCII BGA In stock: 4085 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MPC8315E-RDBA</b></p> <p>Manufacturers: NXP Description: BOARD MPU 8315 POWERQUICC II In stock: 2886 pcs</p> <p><a href="#">RFQ</a></p>
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