




NXP Semiconductors / Freescale

MPC8315CVRAFDA

Part Number:	MPC8315CVRAFDA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU MPC83XX 333MHZ 620BGA
Datasheets:	1.MPC8315CVRAFDA.pdf 2.MPC8315CVRAFDA.pdf 3.MPC8315CVRAFDA.pdf 4.MPC8315CVRAFDA.pdf 5.MPC8315CVRAFDA.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

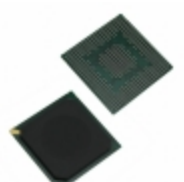
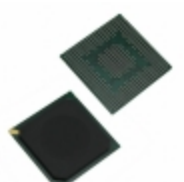

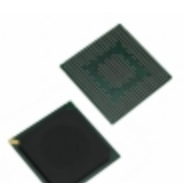
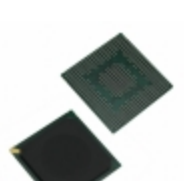
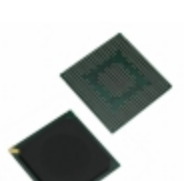
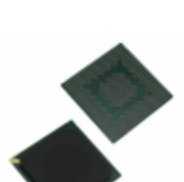

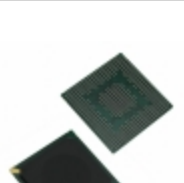
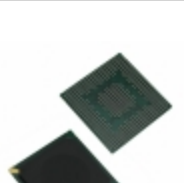
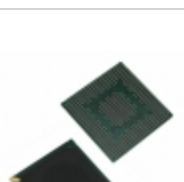
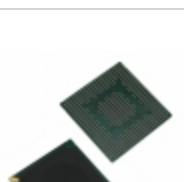
Specifications of MPC8315CVRAFDA

PART NUMBER	MPC8315CVRAFDA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 333MHZ 620BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MPC8315CVRAFDA.pdf 2.MPC8315CVRAFDA.pdf 3.MPC8315CVRAFDA.pdf 4.MPC8315CVRAFDA.pdf 5.MPC8315CVRAFDA.pdf
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	-
SATA	SATA 3Gbps (2)
RAM CONTROLLERS	DDR, DDR2
PACKAGING	Tray
PACKAGE / CASE	620-BBGA Exposed Pad
OTHER NAMES	935325399557
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	-
BASE PART NUMBER	MPC8315
ADDITIONAL INTERFACES	DUART, I ² C, PCI, SPI, TDM

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 <p>MPC8315E-RDB Manufacturers: NXP Semiconductors / Freescale Description: PROCESSOR BOARD PWRQUICCI BGA In stock: Out stock RFQ</p>	 <p>MPC8315ECVRAFDA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 333MHZ 620BGA In stock: Out stock RFQ</p>
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