



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MPC8314EVRAFDA

Part Number:	MPC8314EVRAFDA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU MPC83XX 333MHZ 620BGA
	1.MPC8314EVRAFDA.pdf
	2.MPC8314EVRAFDA.pdf
	3.MPC8314EVRAFDA.pdf
	4.MPC8314EVRAFDA.pdf
	5.MPC8314EVRAFDA.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

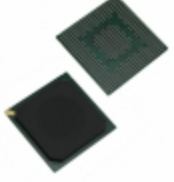
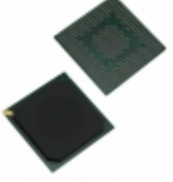
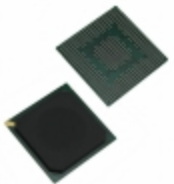
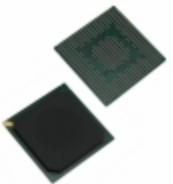
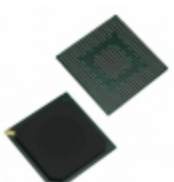
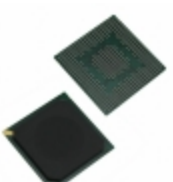
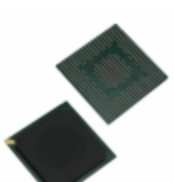
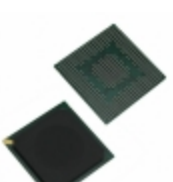
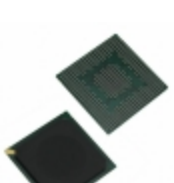
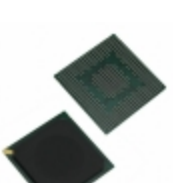
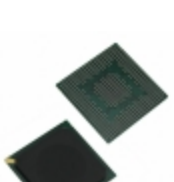
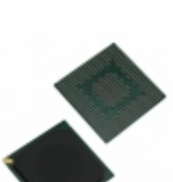
Specifications of MPC8314EVRAFDA

PART NUMBER	MPC8314EVRAFDA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 333MHZ 620BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MPC8314EVRAFDA.pdf 2.MPC8314EVRAFDA.pdf 3.MPC8314EVRAFDA.pdf 4.MPC8314EVRAFDA.pdf 5.MPC8314EVRAFDA.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	Cryptography, Random Number Generator
SATA	-
RAM CONTROLLERS	DDR, DDR2
PACKAGING	Tray
PACKAGE / CASE	620-BBGA Exposed Pad
OTHER NAMES	935313993557
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 333MHz 620-PBGA (29x29)
CORE PROCESSOR	PowerPC e300c3
CO-PROCESSORS/DSP	Security; SEC 3.3
BASE PART NUMBER	MPC8314
ADDITIONAL INTERFACES	DUART, HSSI, I ² C, PCI, SPI, TDM

Related Tags

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Related Products

 MPC8314EVRAFDA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 400MHZ 620BGA In stock: 23 pcs RFQ	 MPC8314ECVRAFDA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 400MHZ 620BGA In stock: 116 pcs RFQ
 MPC8315CVRAFDA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 333MHZ 620BGA In stock: Out stock RFQ	 MPC8314ECVRAFDA Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC83XX 333MHZ 620BGA In stock: Out stock RFQ
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