




NXP Semiconductors / Freescale

## MPC8314EVRADDA

Part Number:	MPC8314EVRADDA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU MPC83XX 266MHZ 620BGA
Datasheets:	<a href="#">1.MPC8314EVRADDA.pdf</a> <a href="#">2.MPC8314EVRADDA.pdf</a> <a href="#">3.MPC8314EVRADDA.pdf</a> <a href="#">4.MPC8314EVRADDA.pdf</a> <a href="#">5.MPC8314EVRADDA.pdf</a>
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.

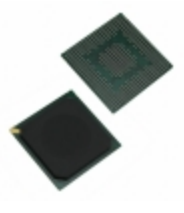
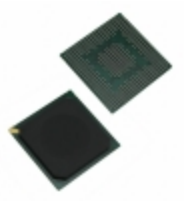
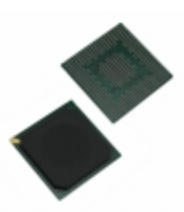
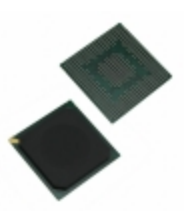
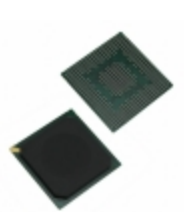
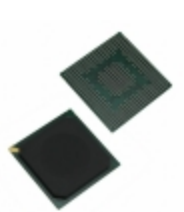
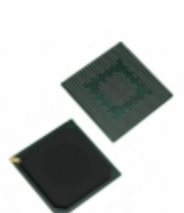
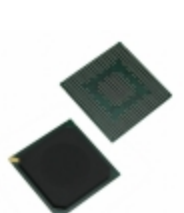
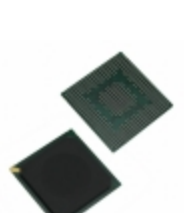
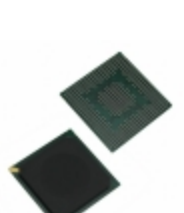
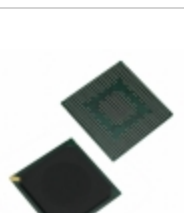
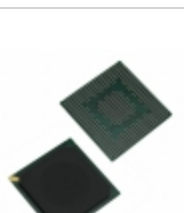
### Specifications of MPC8314EVRADDA

PART NUMBER	MPC8314EVRADDA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 266MHZ 620BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.MPC8314EVRADDA.pdf</a> <a href="#">2.MPC8314EVRADDA.pdf</a> <a href="#">3.MPC8314EVRADDA.pdf</a> <a href="#">4.MPC8314EVRADDA.pdf</a> <a href="#">5.MPC8314EVRADDA.pdf</a>
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, I <sup>2</sup> C, PCI, SPI, TDM

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