



NXP Semiconductors / Freescale

## MPC8536BVJAQGA

Part Number: MPC8536BVJAQGA  
 Manufacturer/Brand: NXP Semiconductors / Freescale  
 Product description: IC MPU MPC85XX 1.0GHZ 783FCBGA  
 Datasheets:  
 1.MPC8536BVJAQGA.pdf  
 2.MPC8536BVJAQGA.pdf  
 3.MPC8536BVJAQGA.pdf  
 4.MPC8536BVJAQGA.pdf  
 5.MPC8536BVJAQGA.pdf  
 6.MPC8536BVJAQGA.pdf  
 RoHS Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

### Specifications of MPC8536BVJAQGA

PART NUMBER	MPC8536BVJAQGA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC85XX 1.0GHZ 783FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.MPC8536BVJAQGA.pdf</a> <a href="#">2.MPC8536BVJAQGA.pdf</a> <a href="#">3.MPC8536BVJAQGA.pdf</a> <a href="#">4.MPC8536BVJAQGA.pdf</a> <a href="#">5.MPC8536BVJAQGA.pdf</a> <a href="#">6.MPC8536BVJAQGA.pdf</a>
VOLTAGE - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 (3)
SUPPLIER DEVICE PACKAGE	783-FCBGA (29x29)
SPEED	1.0GHz
SERIES	MPC85xx
SECURITY FEATURES	-
SATA	SATA 3Gbps (2)
RAM CONTROLLERS	DDR2, DDR3
PACKAGING	Tray
PACKAGE / CASE	783-BBGA, FCBGA
OTHER NAMES	935324841557
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 e500 Microprocessor IC MPC85xx 1 Core, 32-Bit 1.0GHz 783-FCBGA (29x29)
CORE PROCESSOR	PowerPC e500
CO-PROCESSORS/DSP	-
BASE PART NUMBER	MPC8536
ADDITIONAL INTERFACES	DUART, I <sup>2</sup> C, MMC/SD, PCI, SPI

### Related Tags

NXP Semiconductors / Freescale MPC8536BVJAQGA	MPC8536BVJAQGA Distributor	MPC8536BVJAQGA Supplier
MPC8536BVJAQGA Price	MPC8536BVJAQGA Pictures	MPC8536BVJAQGA Image
MPC8536BVJAQGA PDF Datasheet	MPC8536BVJAQGA Download Datasheet	MPC8536BVJAQGA Datasheet
MPC8536BVJAQGA Stock	Buy MPC8536BVJAQGA	Buy NXP Semiconductors / Freescale MPC8536BVJAQGA
NXP Semiconductors / Freescale MPC8536BVJAQGA	NXP Semiconductors / Freescale Supplier	NXP Semiconductors / Freescale Distributor
NXP Semiconductors / Freescale MPC8536BVJAQGA	NXP Semiconductors MPC8536BVJAQGA	Freescale MPC8536BVJAQGA
Freescale Semiconductor - NXP MPC8536BVJAQGA	NXP USA Inc. MPC8536BVJAQGA	

### Related Products

 <b>MPC8536AVTAVLA</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC85XX 1.5GHZ 783FCBGA In stock: Out stock <a href="#">RFQ</a>	 <b>MPC8536BVJAKGA</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC85XX 600MHZ 783FCBGA In stock: Out stock <a href="#">RFQ</a>
 <b>MPC8536BVJAVLA</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC85XX 1.5GHZ 783FCBGA In stock: Out stock <a href="#">RFQ</a>	 <b>MPC8536BVTANGA</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC85XX 800MHZ 783FCBGA In stock: Out stock <a href="#">RFQ</a>
 <b>MPC8536AVTAUL</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC85XX 1.333GHZ 783BGA In stock: Out stock <a href="#">RFQ</a>	 <b>MPC8536BVTAKG</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC85XX 600MHZ 783FCBGA In stock: Out stock <a href="#">RFQ</a>
 <b>MPC8536BVTAKGA</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC85XX 600MHZ 783FCBGA In stock: Out stock <a href="#">RFQ</a>	 <b>MPC8536AVTAULA</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC85XX 1.333GHZ 783BGA In stock: Out stock <a href="#">RFQ</a>
 <b>MPC8536AVTAVL</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC85XX 1.5GHZ 783FCBGA In stock: Out stock <a href="#">RFQ</a>	 <b>MPC8536BVJANGA</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC85XX 800MHZ 783FCBGA In stock: Out stock <a href="#">RFQ</a>
 <b>MPC8536BVJATHA</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC85XX 1.25GHZ 783FCBGA In stock: Out stock <a href="#">RFQ</a>	 <b>MPC8536BVJAULA</b> Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC85XX 1.333GHZ 783BGA In stock: Out stock <a href="#">RFQ</a>

