

MPC8536BVTAKG



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Part Number: [MPC8536BVTAKG](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC85XX 600MHZ 783FCBGA

Data sheet:  [SATA-A-006187 Errata](#)
 [MPIC Double Interrupt Errata](#)
 [MPC8536E Fact Sheet](#)
 [TBI Link Status Errata](#)
 [MPC8536E Ref Manual](#)
 [MPC8536E](#)

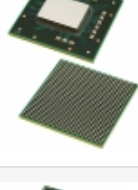
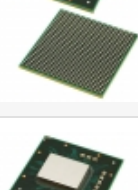
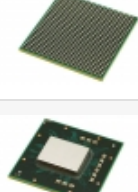
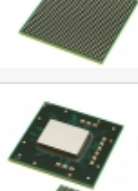
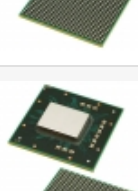
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MPC8536BVTAKG	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU MPC85XX 600MHZ 783FCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5867 pcs	Data sheet	SATA-A-006187 Errata MPIC Double Interrupt Errata MPC8536E Fact Sheet TBI Link Status Errata MPC8536E Ref Manual MPC8536E
Category	Integrated Circuits (ICs)	Voltage - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 (3)	Supplier Device Package	783-FCPBGA (29x29)
Speed	600MHz	Series	MPC85xx
Security Features	-	SATA	SATA 3Gbps (2)
RAM Controllers	DDR2, DDR3	Packaging	Tray
Package / Case	783-BBGA, FCBGA	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 600MHz 783-FCPBGA (29x29)	Core Processor	PowerPC e500
Co-Processors/DSP	-	Base Part Number	MPC8536
Additional Interfaces	DUART, I ² C, MMC/SD, PCI, SPI		
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