

MPC8536AVJAVLA



Part Number: [MPC8536AVJAVLA](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU SOC 32BIT 1.5GHZ 783FCBGA

Data sheet:  [MPC8535\(E\), MPC8536\(E\) Series](#)

RoHs Status: Lead free / RoHS Compliant

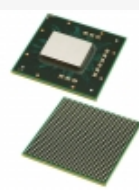
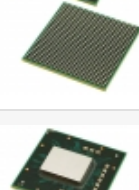
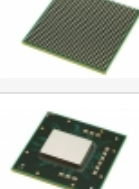
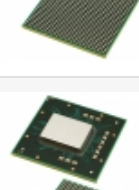
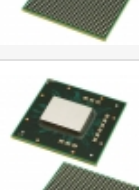
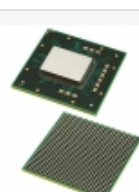
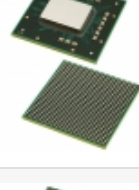
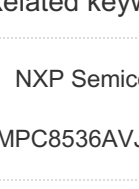
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PRODUCT PARAMETER			
Part Number	MPC8536AVJAVLA	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU SOC 32BIT 1.5GHZ 783FCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	566 pcs	Data sheet	MPC8535(E), MPC8536(E) Series
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	1.5GHz	Series	MPC85xx
Security Features	-	SATA	SATA 3Gbps (2)
RAM Controllers	DDR2, DDR3	Packaging	Tray
Package / Case	783-BBGA, FCBGA	Other Names	935312967557
Operating Temperature	0°C ~ 90°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 1.5GHz 783-FCPBGA (29x29)
Core Processor	PowerPC e500	Co-Processors/DSP	-
Additional Interfaces	DUART, I²C, MMC/SD, PCI, SPI		
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	Part#: MPC8536AVJAULA Description: IC MPU SOC 32B 1.33GHZ 783FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8536AVJAKGA Description: IC MPU SOC 32BIT 600MHZ 783FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8535ECVTAQGA Description: IC MPU MPC85XX 1.0GHZ 783FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8536-RDK Description: BOARD REF COMEXPRESS MPC8536	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8535ECVTATHA Description: IC MPU MPC85XX 1.25GHZ 783FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC8536AVJAQGA Description: IC MPU SOC 32BIT 1GHZ 783FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MPC8536AVTAULA Description: IC MPU MPC85XX 1.333GHZ 783BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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