

MPC8540VTAQFB



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Part Number: [MPC8540VTAQFB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC85XX 1.0GHZ 783FCBGA

Data sheet:  [MPC8540 Product Brief](#)
 [MPC8540 Fact Sheet](#)
 [MPC8540](#)
 [MPIC Double Interrupt Errata](#)

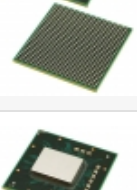
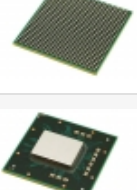
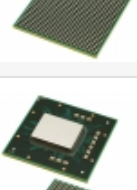
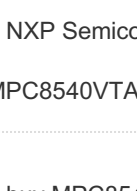
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MPC8540VTAQFB	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU MPC85XX 1.0GHZ 783FCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5732 pcs	Data sheet	MPC8540 Product Brief MPC8540 Fact Sheet MPC8540 MPIC Double Interrupt Errata
Category	Integrated Circuits (ICs)	Voltage - I/O	2.5V, 3.3V
USB	-	Supplier Device Package	783-FCPBGA (29x29)
Speed	1.0GHz	Series	MPC85xx
Security Features	-	SATA	-
RAM Controllers	DDR, SDRAM	Packaging	Tray
Package / Case	784-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 Mbps (1), 10/100/1000 Mbps (2)	Display & Interface Controllers	-
Detailed Description	PowerPC e500 Microprocessor IC MPC85xx 1 Core, 32-Bit 1.0GHz 783-FCPBGA (29x29)	Core Processor	PowerPC e500
Co-Processors/DSP	-	Base Part Number	MPC8540
Additional Interfaces	DUART, I ² C, PCI, RapidIO		
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