

MPC8280VVUPEA



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Part Number: [MPC8280VVUPEA](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC82XX 450MHZ 480TBGA

Data sheet:  [MPC8280 PowerQUICC II Family](#)

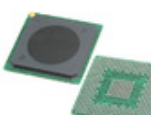
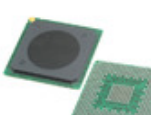
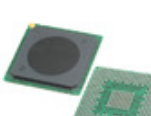
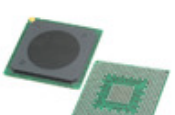
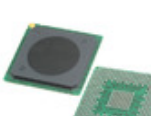
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MPC8280VVUPEA	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU MPC82XX 450MHZ 480TBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	408 pcs	Data sheet	MPC8280 PowerQUICC II Family
Category	Integrated Circuits (ICs)	Voltage - I/O	3.3V
USB	USB 2.0 (1)	Supplier Device Package	480-TBGA (37.5x37.5)
Speed	450MHz	Series	MPC82xx
Security Features	-	SATA	-
RAM Controllers	DRAM, SDRAM	Packaging	Tray
Package / Case	480-LBGA Exposed Pad	Other Names	935316698557
Operating Temperature	0°C ~ 105°C (TA)	Number of Cores/Bus Width	1 Core, 32-Bit
Moisture Sensitivity Level (MSL)	4 (72 Hours)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Graphics Acceleration	No
Ethernet	10/100 Mbps (3)	Display & Interface Controllers	-
Detailed Description	PowerPC G2_LE Microprocessor IC MPC82xx 1 Core, 32-Bit 450MHz 480-TBGA (37.5x37.5)	Core Processor	PowerPC G2_LE
Co-Processors/DSP	Communications; RISC CPM	Base Part Number	MPC8280
Additional Interfaces	I ² C, SCC, SMC, SPI, UART, USART		
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