

NXP Semiconductors / Freescale

### MPC8280CVUPEA

Part Number: MPC8280CVUPEA  
 Manufacturer/Brand: NXP Semiconductors / Freescale  
 Product description: IC MPU MPC82XX 450MHZ 480TBGA  
 Datasheets:  
 RoHS Status: Lead free / RoHS Compliant  
 Stock Condition: 436 pcs stock  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

#### Specifications of MPC8280CVUPEA

PART NUMBER	MPC8280CVUPEA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC82XX 450MHZ 480TBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	436 pcs
DATA SHEET	
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	935313638557
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF CORES/BUS WIDTH	1 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	4 (72 Hours)
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 <sup>2</sup> C, SCC, SMC, SPI, UART, USART

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	<p><b>MPC8275CVRMIBA</b>                  Manufacturers: NXP                  Description: IC MPU MPC82XX 266MHZ 516BGA                  In stock: 1129 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MPC8275VRMIBA</b>                  Manufacturers: NXP                  Description: IC MPU MPC82XX 266MHZ 516BGA                  In stock: 1139 pcs</p> <p><a href="#">RFQ</a></p>
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	<p><b>MPC8275CZQMIBA</b>                  Manufacturers: NXP                  Description: IC MPU MPC82XX 266MHZ 516BGA                  In stock: 922 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MPC8280CZUPEA</b>                  Manufacturers: NXP                  Description: IC MPU MPC82XX 450MHZ 480TBGA                  In stock: 356 pcs</p> <p><a href="#">RFQ</a></p>
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