

PowerQUICC, 32 Bit Power Architecture, 450MHz, SoC, PCI, USB, HDLC, UTOPIA, Enet, 0 to 105C

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	TBGA-480
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MPC8280ZUUPEA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MPC8280ZUUPEA is a complex microprocessor manufactured by NXP Semiconductors (formerly Freescale Semiconductor) that belongs to the PowerQUICC II Pro family.

Features

The processor is based on a 603e PowerPC core with an operating frequency of up to 667 MHz.

It has a dual-issue RISC core with an instruction pipeline of up to six stages.

It has a built-in DDR2 memory controller and supports up to 2 GB of memory.

It includes two Gigabit Ethernet controllers and a variety of peripheral interfaces, such as USB, PCI, UART, I2C, SPI, and more.

It also includes security features such as secure boot, hardware cryptography, and a security engine.

Application

MPC8280CZUUPEA

MPC8280ZUUPEB

MPC8280CZUUPEB

MPC8280CVVDA

MPC8280VVDA

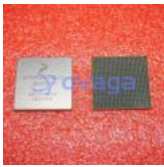


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