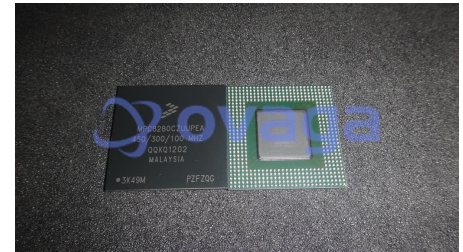


PowerQUICC, 32 Bit Power Architecture, 450MHz, SoC, PCI, USB, HDLC, UTOPIA, Enet, -40 to 105C

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	TBGA-480
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MPC8280CZUUPEA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



## General Description

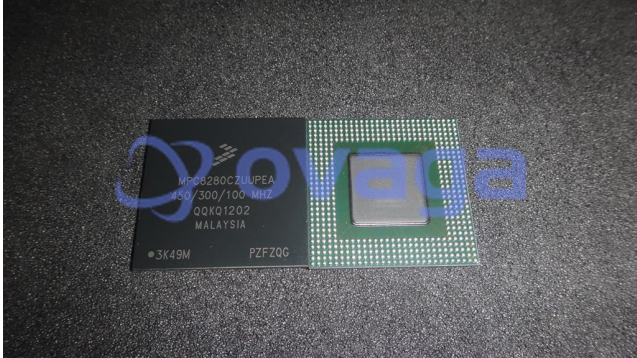
MPC8280CZUUPEA is a microprocessor manufactured by Freescale (now NXP Semiconductors). It is a member of the PowerQUICC II Pro family of integrated circuits.

## Features

- Dual e500 PowerPC cores operating at up to 667MHz
- Integrated memory controller supporting DDR1 and DDR2 SDRAM
- Integrated 10/100/1000 Mbps Ethernet controller
- PCI and PCI-X interfaces
- USB 2.0, UART, I2C, and SPI interfaces
- Security engine supporting DES, 3DES, AES, SHA-1, SHA-256, MD5, and CRC algorithms

## Application

- Networking equipment such as routers, switches, and gateways
- Industrial control systems
- Aerospace and defense systems
- Embedded computing applications

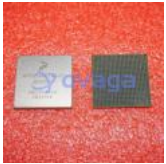


## Related Products



### [MPC860TVR50D4](#)

NXP Semiconductor  
BGA-357



### [MPC8548VTAUJD](#)

NXP Semiconductor  
BGA-783



### [MPC860TZQ50D4](#)

NXP Semiconductor  
BGA-357



### [MPC860ENCZQ50D4](#)

NXP Semiconductor  
BGA357



### [MPC852TCVR66A](#)

NXP Semiconductor  
BGA-256



### [MPC8270CZQMIBA](#)

NXP Semiconductor  
PBGA-516



### [MPC860SRZQ50D4](#)

NXP Semiconductor  
357-BBGA



### [MPC852TVR100A](#)

NXP Semiconductor  
MAPBGA-169