

PowerQUICC, 32 Bit Power Architecture, 266MHz, Communications Processor, PCI, USB, CPM, -40 to 105C

|               |  |
|---------------|--|
| Manufacturers | <u><a href="#">NXP Semiconductor</a></u> |
| Package/Case  | TEPBGA-484                               |
| Product Type  | Embedded Processors & Controllers        |
| RoHS          | Rohs                                     |
| Lifecycle     |  |



Images are for reference only

Please submit RFQ for MPC8247CVRMIBA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MPC8247CVRMIBA is a microprocessor unit (MPU) developed by Freescale Semiconductor (now NXP Semiconductors) for embedded systems applications. It belongs to the PowerQUICC II family of processors and was released in 2003.

## Features

Dual-issue PowerPC core running at up to 400 MHz

Integrated communications processor module (CPM) supporting various communication protocols such as Ethernet, USB, HDLC, and UART

DDR SDRAM memory controller supporting up to 512 MB of memory

On-chip PCI and PCI-X interfaces for system expansion

Security features such as a hardware encryption accelerator, secure hash algorithm (SHA-1 and SHA-256) support, and a random number generator.

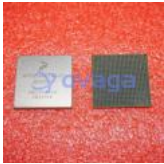


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