

PowerQUICC, 32 Bit Power Architecture, 400MHz, Communications Processor, PCI, USB, CPM, -40 to 105C

Manufacturers	NXP Semiconductor
Package/Case	PBGA-16
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MPC8247CVRTIEA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MPC8247CVRTIEA is a microprocessor from the PowerQUICC II family, developed by Freescale Semiconductor (now NXP Semiconductors) and released in 2004. It is a high-performance system-on-chip (SoC) designed for networking and telecommunications applications.

Features

- Power Architecture core with a clock speed of up to 400 MHz
- Integrated memory controller supporting DDR SDRAM, SDRAM, and flash memory
- Dual Gigabit Ethernet controllers
- PCI controller supporting 66 MHz operation
- USB controller
- DMA controller
- Security engine supporting DES, 3DES, AES, and SHA-1/MD5 algorithms
- JTAG interface for debug and test

Application

- Network routers and switches
- Wireless base stations
- Storage area network (SAN) controllers
- Voice over IP (VoIP) gateways
- Industrial control systems
- Embedded computing systems

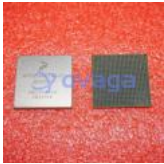


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