


MPU PowerQUICC II MPC82xx Processor RISC 32bit 0.13um
400MHz 3.3V 516-Pin TEBGA Tray

Manufacturer:	NXP Semiconductor
Package/Case:	BGA
Product Type:	Embedded Processors & Controllers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	NRND



Images are for reference only

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General Description

MPC8247VRTIEA is a microprocessor developed by Freescale Semiconductor (now NXP Semiconductors) for embedded systems. It belongs to the PowerQUICC II family of processors and features a PowerPC core.

Key Features

- PowerPC e300 core running at up to 400 MHz
- Integrated communications processors for Ethernet, TDM, HDLC, UART, and SPI interfaces
- 16 KB instruction cache and 16 KB data cache
- 32-bit PCI interface
- Integrated memory controller supporting SDRAM, DDR, and Flash memory
- Support for up to 32-bit external buses
- Low-power consumption with dynamic power management

Application

- Communication Infrastructure
- Industrial
- Smart City



Recommended For You

MPC855TZQ50D4

NXP Semiconductor

BGA

MPC880VR133

NXP Semiconductor

BGA

MPC860PZQ80D4

NXP Semiconductor

BGA

MPC5554MZP132

NXP Semiconductor

BGA

MPC5566MVR132

NXP Semiconductor

BGA

MPC564MZP56

NXP Semiconductor

BGA

MPC852TVR50A

NXP Semiconductor

BGA

MPC855TVR80D4

NXP Semiconductor

BGA

MPC8315VRAGDA

NXP Semiconductor

BGA

MPC8241LVR266D

NXP Semiconductor

BGA

MPC8245LZU266D

NXP Semiconductor

BGA

MPC8250ACZUMHBC

NXP Semiconductor

BGA

MPC8241LVR200D

NXP Semiconductor

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MPC8270CVRMIIBA

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MPC5121YVY400B

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