

MPU PowerQUICC II MPC82xx Processor RISC 32bit 0.13um 266MHz 3.3V 516-Pin TEBGA Tray

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	PBGA-516
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MPC8270VRMIBA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MPC8270VRMIBA is a part number for the MPC8270 Integrated Processor, which is a high-performance, system-on-chip (SoC) device designed by Freescale Semiconductor (now NXP Semiconductors).

## Features

**PowerPC e300 Core:** The device is based on a PowerPC e300 core, which provides high performance and low power consumption.

**Integrated Memory:** The MPC8270VRMIBA includes a number of integrated memory components, including a DDR SDRAM controller, a Flash memory controller, and a Static RAM (SRAM) controller.

**Connectivity:** The device also features a number of connectivity options, including Ethernet, USB, and PCI interfaces.

**Security:** The MPC8270VRMIBA includes hardware-based security features, such as a Cryptographic Accelerator and a Security Engine.

**Operating Temperature:** The device is designed to operate over a wide temperature range, from -40°C to +105°C.

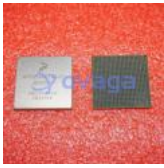


## Related Products



### [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