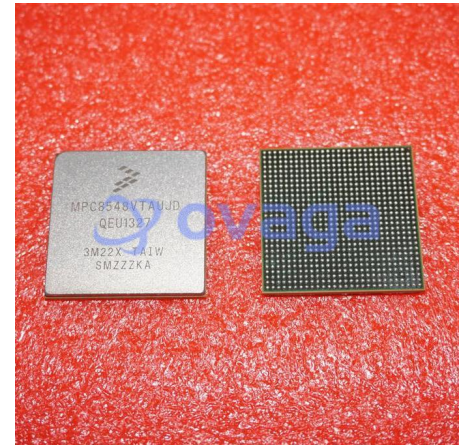


PowerQUICC 32-Bit Power Arch SoC, 1333MHz, GbE, PCI, PCI-X, PCIe, SRIO, DDR2, ECC, 0 to 105C, R3

Manufacturers	NXP Semiconductor
Package/Case	BGA-783
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MPC8548VTAUJD or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

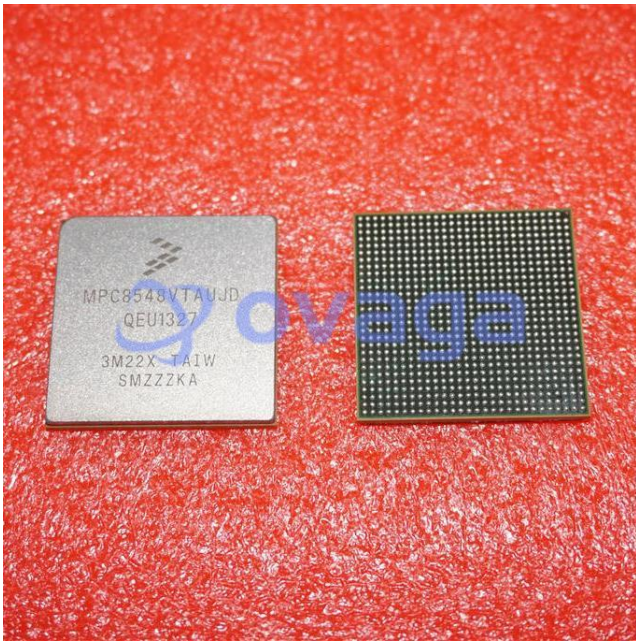
MPC8548VTAUJD is a microprocessor chip manufactured by NXP Semiconductors. It is a member of the PowerQUICC III family of integrated processors and is designed for embedded networking and communications applications.

Features

- It is a 32-bit microprocessor with a clock speed of up to 1.33 GHz.
- It has an integrated memory controller that supports DDR2 SDRAM.
- It has a variety of communication interfaces, including Gigabit Ethernet, PCI Express, USB 2.0, and serial ports.
- It has a high-speed interconnect interface (SerDes) for connecting to other devices in a system.
- It has a built-in security engine for encrypting and decrypting data.

Application

- Networking equipment, such as routers, switches, and gateways.
- Industrial automation systems, such as control systems for manufacturing plants and power grids.
- Aerospace and defense systems, such as avionics and radar systems.



Related Products



[MPC860TVR50D4](#)

NXP Semiconductor
BGA-357



[MPC8270CZQMIBA](#)

NXP Semiconductor
PBGA-516



[MPC860SRZQ50D4](#)

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357-BBGA



[MPC852TVR100A](#)

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MAPBGA-169



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