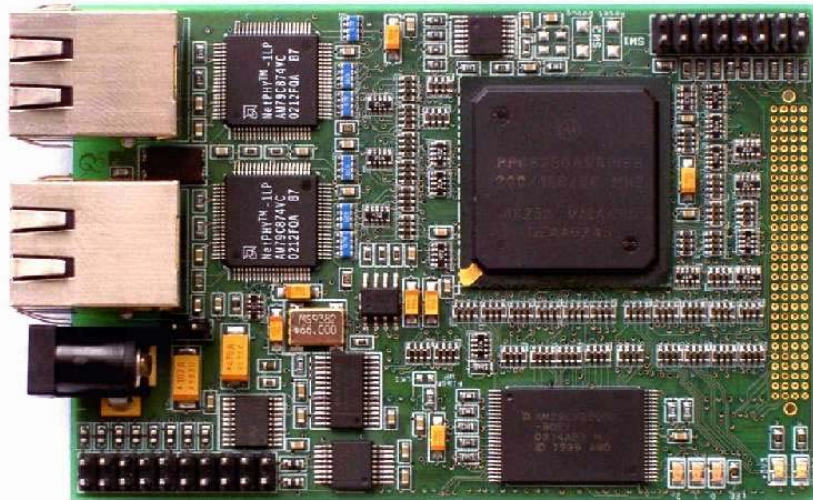


Rattler8250

MPC8250VR/8270VR

Module



Standard Development Module:

The Rattler8250 module provides a proven functional unit for inclusion in OEM products. By embedding the Rattler8250, the parent system can utilise the full functionality of the module. Supplied with on-board operating system (eCos and Linux options), IP stack and GNU development tools, the module supports rapid product development, or alternatively the cost-effective module provides an efficient and commercially attractive enhancement to existing products.

Pricing is dependant on volumes. Please contact Analogue & Micro Ltd for quotation. For more information on Analogue & Micro's products and design services, visit the web site or use the contact details listed.

Custom Embedded Module:

For production volumes, the Rattler8250 card can be fully customised to meet application requirements. A range of MPC8250/70 based cards are available, or a new version can be created as required. Module and motherboard features can be integrated into single module solutions, with OS drivers developed, providing a complete system solution. Each customised derivative is a COTS card, with the same warranty and support status as the existing standard card range.

Contact A&M to discuss the customisation service.

Module Specification

SDRAM	16MB, 64-bit wide
Flash	8MB, 16-bit wide
Processor	MPC8250 or MPC8270, core speed 200MHz
Ethernet	2x 10/100 Ethernet
Bus Speed	66MHz
Serial	2x RS232 headers
Expansion	Expansion header port with TDM bus, address, data, I2C, SPI, SCC
OS	Linux (2.6.x) and eCos supplied
Dimensions	96mm x 64mm
Temperature	0°C/70°C (-40°C/+85°C available)
Power Supply	Single 3V3 (DC-port, or via expansion port)

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