

Rattler8280PCI

MPC8280 Module



Standard Development Module:

The Rattler8280PCI module provides a proven functional unit for inclusion in OEM products. By embedding the Rattler8280PCI, the parent system can utilise the full functionality of the module, including the 3 on-board 10/100TX Ethernet ports, plus the USB port (which may be configured as a device or host). The card format allows for PCI agent card or stand alone use. The PCI Connector is 3V3/5V tolerant.

Supplied with on-board operating system (eCos and Linux options), working 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.

Custom Embedded Module:

For production volumes, the Rattler8280PCI card can be fully customised to meet application requirements. A range of MPC8280 based cards are available, or a new version can be created as required. 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	64MB, 64-bit wide
Flash	64MB, 16-bit wide
Processor	MPC8280, core speed 450MHz
Ethernet	3 x 10/100 Ethernet
Bus Speed	66MHz
Serial	3x RS232 headers
OS	Linux (2.6.x) and eCos supplied
Dimensions	165mm x 106mm
Temperature	0°C/70°C (-40°C/+85°C available)
Power Supply	Single 3V3 (DC-port, or via PCI edge Connector)
PCI	32 bit PCI card format (agent)

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