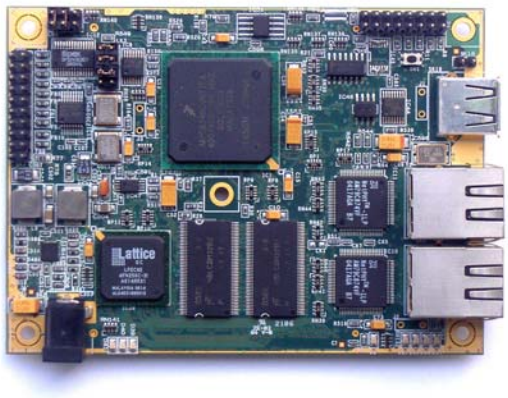
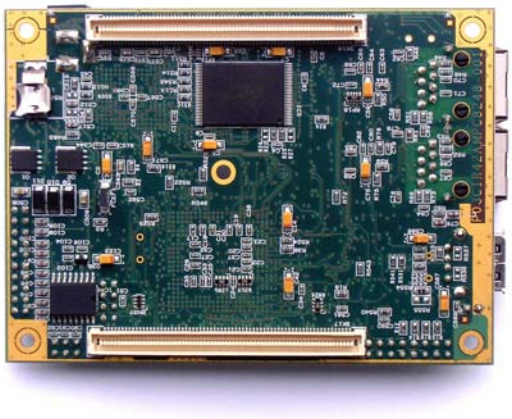
Rattler8247
MPC8247 Module



Topside View



Underside View

Standard Development Module:

The Rattler8247 module provides a proven functional unit for inclusion in OEM products. By embedding the Rattler8247, the parent system can utilise the full functionality of the module. 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. 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 Rattler8247 card can be fully customised to meet application requirements. A range of MPC8247/48 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	64MB, 64-bit wide
Flash	32MB, 16-bit wide
Processor	MPC8247, core speed 266 - 400MHz MPC8248 available to order
Ethernet	2x 10/100 Ethernet
USB	1x USB 1.1 port (device)
Serial	2x RS232 headers
PCI	1x 32-bit PCI port
Expansion	140 pin port configurable via on-board Lattice FPGA
OS	Linux (2.6.x) and eCos supplied
Dimensions	110mm x 80mm
Temperature	0°C/70°C (-40°C/+85°C available)
Power Supply	Single 3V3 (DC-port, or via expansion port)
Current	Typically 1.2A @ 3V3
Motherboard Features (optional)	PCI slot, video/keyboard/mouse ports, 2xUSB 2.0 host ports, Fedora Core, 2x IDE hard disk ports

Analogue & Micro Ltd
Lakeside House
Lakeside
Cwmbran
UK, NP44 3XS

Tel: +44 (0) 1633 863282
Web: www.analogue-micro.com