

Adder852T MPC852T Module



Standard Development Module:

The Adder852T MPC852T module provides a proven functional unit for inclusion in OEM products. By embedding the Adder852T, the parent system can utilise the full functionality of the module, including the on-board 10/100TX Ethernet port with 100FX fibre optic support.

Supplied with on-board operating system (eCos and Linux options), IP stack and GNU development tools, the module supports rapid product development. The cost-effective module provides an efficient and commercially attractive enhancement to existing product ranges.

Pricing is dependant on volumes. Please contact A&M 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 Adder852T card can be fully customised to meet application requirements. A range of MPC852T 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

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| SDRAM | 8MB, 64-bit wide |
| Flash | 4MB, 16-bit wide |
| Processor | MPC852T, core speed 50MHz/100MHz |
| Ethernet | 1x 10/100 Ethernet |
| Bus Speed | 66MHz |
| Serial | 2x RS232 headers |
| Expansion | Expansion header port with address and data |
| OS | Linux (2.6.x) and eCos supplied |
| Dimensions | 86mm x 54mm (credit card sized) |
| Temperature | 0°C/70°C (-40°C/+85°C available) |
| Power Supply | Single 7V5 (DC-port, or via expansion port) |
| JTAG/BDM | On board BDM header (16 pin) |
| USB | 1x USB 1.1 port (configurable as host or device) |

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