

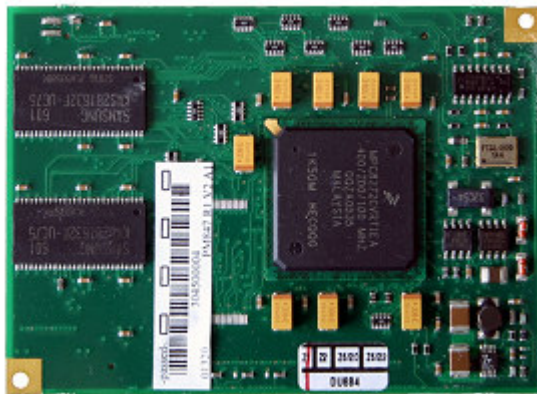
miriac™ PM847

Product Description

The *miriac™* PM847 module is the entry level, compatible alternative to the higher integrated PM82x modules. It is based on the MPC8247 from the PowerQUICC II family. It offers all the performance but not all the communication features and interfaces. Therefore it is a perfect fit for all applications requiring good performance but limited communication features.

With the size of 65 x 90mm², the PM847 module even fits in the smallest systems.

Versions for extended temperature (-40°..+85°C) are available.



Overview:

- **MPC8247 with e300 Power PC kernel**
- **Credit card size 65 x 90 mm²**
- **MPC8247 PowerQUICC II @ 266 Mhz**
- **Up to 256 MB SDRAM**
- **Up to 64 MB Flash**
- **all PowerQUICC II Ports as well as PCI bus are available to the carrier board**
- **two Fast Communication Controllers supporting 10/100 Mbps Ethernet (MII)**
- **three Serial Communications Controllers**
- **USB (low- and full-speed)**
- **two 140 pin connectors**
- **optional extended temperature range - 40° to +85°C**

MICROSYSTEMS

Software-Support:

Linux , others on request

Order Information:

| Order Nr. | Description | Status |
|-----------|---|--------|
| 830401 | PM847 MIRIAC MODULE MPC8247 100/200/266MHz, 32MB SDRAM, 16MB Flash | BoO |
| 830402 | PM847 MIRIAC MODULE MPC8247 100/200/266MHz, 64MB SDRAM, 16MB Flash | StI |

StI: 'Stock Item' – normally available ex stock

BoO: Build on Order – will be built after order received

You need a different variant? – No problem! Just contact us.

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