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Dättwil, July 2003

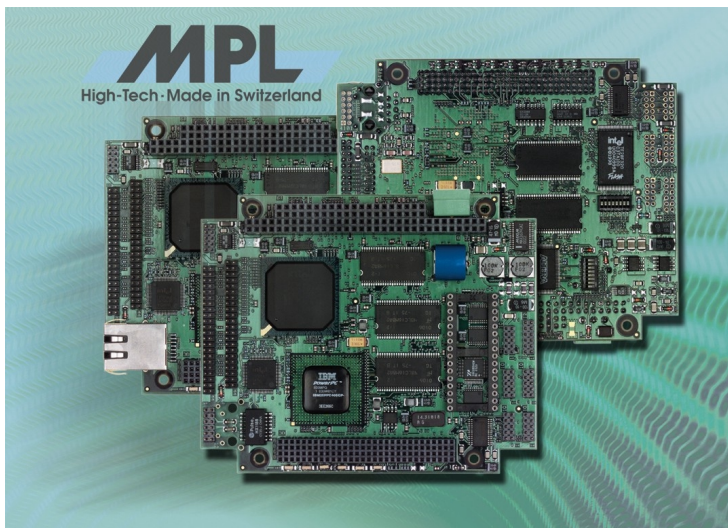
## PowerPC with up to 400MHz

### Powerfull PC/104-Plus SBC with less than 3 Watt power consumption

MPL adds to the PowerPC solution (MIP405), the highly integrated embedded PowerPC processors PPC405GPr with a CPU clock of up to 400 MHz (608DMIPS@400MHz).

The MIP405 offers many specific industrial features like: 4 serial and 2 USB ports, 2 IDE ports (44-pin), 10/100 Ethernet. PC/104-Plus (PCI & ISA) and much more. The MIP405 can be equipped with up to 128MB on-board soldered SDRAM (with ECC support), up to 8MB on-board soldered Flash. Additional Flash (up to 1GB) can be plugged in). Over the unique Multi Purpose Socket the MIP405 can even be expanded with SRAM, EPROM, Flash and DiskOnChip modules.

The MIP405 are being supplied with the Open Source "U-Boot" bootloader. Various boot sources are available like USB, Ethernet, IDE, FLASH. Also a MPL Embedded Linux distributions and development chain is ready. Realtime OS BSP like VxWorks can be delivered with the product others are in preparation from several suppliers. For more information just get in touch with us.



The MIP405 can be used in environments of up to – 40°C to +85°C without the need of a heat sink or a fan. Special efforts have been taken on the quality of the components and their long term availability as well as the low power consumption of the system which is less than 3 Watts at 400MHz.

- All interfaces are ESD protected according to the latest know-how.
- The MIP405 can be expanded with any PC/104 & PC104-Plus board.
- Development systems are available from stock with bootloader and/or a Linux or VxWorks distribution.
- MPL offers together with the products professional Engineering, Support and Consulting for the HW and SW.

All those features, specialties and its reasonable cost, make the MIP405 to the ideal solution for any application, where flexibility, ruggedness, low power consumption, long term availability, quality .....are important issues. All MIP Concept products can be ordered according to the customer requirements and needs.

For more information about the MIP405 please contact us via Fax, email or consult our Home Page ([www.mpl.ch](http://www.mpl.ch))

\* The name MIP stands for a "compact, robust, low power, fanless, ready to use" SBC with a long term availability guarantee.

For the new design MPL used their over 15 years experience in designing & producing processor boards. The boards are used worldwide in applications of the Industry, Aviation, Medicine, Vehicles etc. The MIP product line incorporates fully the company philosophy of high quality, low power and extended temperature at reasonable cost. MPL is an ISO 9001 certified company.