



MicroSys

RadiSys
THE POWER OF WE

Graphic Development Kit for Embedded Real Time Applications

You require reliable and high performance real time functionality in combination with system durability and longevity?



You market your systems globally and you are looking for an easy to apply support of Arabic, Asian, European and other international languages?



You want to have access to an innovative graphic environment, e.g. transparent windowing technology plus fast development turn around times?



You demand a highly integrated small form factor and high performing system designed for long product life cycles and comfortable maintainability?

MicroSys introduces in cooperation with XiSys und RadiSys a development kit on the basis of the Power Architecture, which exactly addresses those requirements

Get the tested and pre installed kit from MicroSys:

- ▶ MPX5200G CPU based hardware platform, documentation
- ▶ Microware ® OS-9 real time OS, incl. Software Development Kit, full functional test version for 60 days

The price for the complete kit is: €990.- net

- ▶ XiBase9 graphic system, full functional eval license

MicroSys is your first point of contact for the system support, backed by XiSys und RadiSys.

Overview Hardware Profile:

- The system is based on a MPC5200 G CPU module and a carrier board, to hold all peripheral interfaces
- As graphic extension functions a Fujitsu MB86276 (Lime) with own external SDRAM. It offers accelerated 2D performance and supports resolutions up to 1224x768 pixels, two RGB digital outputs and one video input channel.
- The MPX5200G module is available for extended temperature from -40°C to +85°C and is based on the innovative MPX interconnect standard. It allows a top or bottom side assembly and the modules and I/C card are stackable for higher integration.





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Hardware functions in detail:

- MPC5200B, e300 Power PC based Core
- Integrated DDR Memory Controller
- up to 128MB DDR SDRAM, 32MB Flash, DiscOnChip NAND-Flash (Option) , 2MB SRAM (Option)
- MB86276 (Fujitsu Lime) Graphic Controller with dedicated SDRAM
- two 208 Pin Zero Force Connectors, supporting all I/O and Bus Signals on the carrier board
- 32bit/ 66Mhz PCI Port
- MPX Module Form Factor: 77x95mm² ,Base Board: 100x120mm²

On the base board holds the most common MPX (Ethernet, USB, RS232) and graphic interfaces (Video in, LVDS, Touch Controller). Since MPX boards are stackable, it is very easy to integrate custom specific hardware functions in either existing or new designs. This will allow to add new system functionality in the prototype phase or to introduce technology enhancements while the system is in production. Faster time to market cycles or easy to perform product life time extensions are achieved by that.

Find below the contact information of the individual companies. You are interested? Do not hesitate to contact us, we are looking forward to your inquiries.

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