

## Press release

Informal Reporting VISION 2008 / September 2008

### microEnable IV-FULL x4 with 64bit Support

**SILICONSOFTWARE** extends its microEnable IV series for the support of 64bit operation systems. It enables the use of large RAM sizes. Especially high speed image recording systems will benefit from a change to 64bit. Furthermore microEnable IV-FULL x4 offers the opportunity to process images onboard with preprocessing functions to reduce the bandwidth.

microEnable IV-FULL x4 is an intelligent image acquisition and pre-processing board. It supports FULL configuration cameras up to 10 taps, MEDIUM and up to two BASE configuration cameras. The frame grabber is equipped with 256 MB RAM onboard and an x4 PCIe interface (quad lane), which enables a data transfer of 760 MB/s in practice.

The board owns a FPGA, which can be used for the hardware based image processing in real time. The vision processor can be programmed with the graphical programming tool VisualApplets. Hereby the frame grabber can be adapted to individual requirements, i.e. from programming of the trigger interface, over the enhancement of the camera images to the complete implementation of processing steps for applications.

The 64bit extension will be available for Windows XP, Vista and Linux.



mE4-Fx4\_comp.tif (CMYK, 300dpi)

### Contact persons

Michael Noffz  
Marketing manager  
Silicon Software GmbH  
Steubenstr. 17  
D-68163 Mannheim  
Tel: +49 (621) 789 507 0  
Fax: +49 (621) 789 507 10  
[mnoffz@silicon-software.de](mailto:mnoffz@silicon-software.de)  
[www.silicon-software.com](http://www.silicon-software.com)

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Silicon Software GmbH, located in Mannheim/Germany, is a manufacturer of intelligent pre-processing solutions based on reprogrammable FPGA technology for machine vision applications. The hard- and software products are designed for flexibility, easy handling and performance featuring user programmable FPGA technology.

### Lock Flag

none

### Exhibition information

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