

Press release

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PoCL support for microEnable IV series

With microEnable IV-BASE x1 PoCL a new frame grabber model is introduced by **SILICONSOFTWARE** which supports PoCL cameras. "Power over CameraLink" (PoCL) is an extension of the existing CL specification, which allows to power cameras over frame grabbers without using an additional camera power supply.

SILICONSOFTWARE releases with microEnable IV-BASE x1 PoCL a competitive frame grabber for PCI express interface, which supports up to two BASE cameras or one MEDIUM CameraLink camera. The board is equipped with 128 MB of DDR-RAM, uses a single lane PCI express interface for a data transfer of up to 200 MB/s and a trigger interface with 8 digital signal inputs and 8 outputs.

Besides implemented pre-processing features like multi-tap sorting or improvement of the image quality by knee lookup tables, the series offers a high scalability and flexibility by the different interfaces.

The functionality of the frame grabber can be enhanced by add-on cards, e.g. for the distribution of the camera signal up to 256 frame grabbers or PCs or the control of external periphery by the trigger interface.

microEnable IV-BASE x1 PoCL is delivered with a diagnosis and configuration software and supports Windows as well as Linux OS operation systems.



mE4-Bx1-PoCL_comp.tif (CMYK, 300dpi)

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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.

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none

Exhibition information

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