PRESS RELEASE

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FOR IMMEDIATE RELEASE

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Active Silicon
COMPUTER IMAGING PRODUCTS

Active Silicon launches FireBird CoaXPress Series

Active Silicon, a world leader in frame grabber technology, announces the availability of its new line of CoaXPress frame grabbers in the FireBird range of high-speed frame grabbers.

FireBird 4-channel CXP-6 Frame Grabber
This press photograph is available under the Products category at
www.activesilicon.com/news.htm

The FireBird series is a new generation of high-speed frame grabbers following on from the successful Phoenix range, with the new FireBird range including quad, dual and single CoaXPress versions. All cards in the range use the latest FPGA families, DDR3 memory, and a super-fast 8-lane Gen2 PCI Express interface resulting in unrivalled DMA performance with no CPU intervention. The multi-channel cards can provide simultaneous video acquisition from each CoaXPress link, with each link supporting up to 6.25 Gbps ("CXP-6") whilst simultaneously providing a 20.8 Mbit/sec uplink as well as 13W of power to the camera per channel. For very fast cameras, link aggregation can be used to provide multiples of the single coax bandwidth - for example a camera can use four links to provide a data rate of 25 Gbps. Long cable lengths are also supported - up to 40m at 6.25 Gbps and over 100m at 3.125 Gbps.

Drawing on Active Silicon's expertise in multi-operating systems, the FireBird range is also supported under Linux, Mac OS X, VxWorks and QNX, as well as Windows 32 bit and 64 bit. Embedded system versions, such as PC/104-Express and XMC will follow on next year.

All Active Silicon acquisition solutions are provided with an easy to use, comprehensive Software Development Kit which allows integrators to develop applications quickly and effectively, together with a range of built-in third-party software drivers for packages such as Common Vision Blox, VisionPro, Streampix, MATLAB and LabVIEW. Support is also provided for DirectShow and QuickTime interfaces. Customers also have direct access to Active Silicon's technical staff for systems advice, consultancy and integration work to ensure a successful completion of end-user applications.

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About Active Silicon

Active Silicon, founded in 1988, is a leading manufacturer of frame grabbers and embedded vision systems. Frame grabbers provide the interface between high-end cameras and computers in vision systems, while embedded vision systems provide the industrial-grade computer environment on which vision systems operate. As well as being a leader in the development and application of new technologies, Active Silicon is unique in being able to support a wide range of operating systems and a diverse range of hardware formats to go beyond traditional ground fixed environments. In fact Active Silicon's products have been used in applications from space missions to deep-sea vehicles. These products have applications in virtually all areas of science and industry, including manufacturing, life sciences, medical imaging, security and defense. All the products and technologies are developed in-house and owned by the company. For further details, visit www.activesilicon.com

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