**Contact:**

Don Parkman

Cypress Public Relations

(408) 943-4885

dsp@cypress.com

Bettina Ronit Hoermann

IDS Imaging Development Systems GmbH

+49-7134-961960

b.hoermann@ids-imaging.com

**IDS Imaging Demonstrates USB 3 uEye® CP Series Cameras  
Using Cypress EZ-USB® FX3™ Controller at The Vision Show**

*Showcases the Compact, High-Resolution SuperSpeed USB 3 uEye CP Camera  
and Highlights Benefits of USB 3.0 in High-Definition Imaging*

WOBURN, Mass. and SAN JOSE, Calif., May 7, 2012 – IDS Imaging Development Systems, a global leader in medical vision and machine vision, will showcase its new USB 3 uEye® CP Camera Series using the Cypress Semiconductor Corp. (NASDAQ: CY) EZ-USB® FX3™ controller at The Vision Show in Boston May 8-10.

IDS has been developing USB-based industrial cameras for over 10 years, and the USB 3 uEye CP cameras are among the world's first to feature the breakthrough performance of the USB 3.0 standard. USB 3.0 delivers a staggering ten-fold increase in data rate compared to USB 2.0, as well as a four-fold increase over Gigabit Ethernet, making these new IDS cameras ideal for demanding multi-camera systems and 3D applications. Amazingly compact at only 29 mm x 29 mm x 29 mm and weighing a mere 46 grams, the cameras are perfect for any vision applications where space is at a premium. Depending on application requirements, customers can choose from either e2v or Aptina CMOS sensors ranging from VGA to 5-megapixel resolution.

Cypress’s EZ-USB FX3 is the industry’s only general purpose USB 3.0 device controller. The on-chip ARM9 CPU core with 512KB RAM delivers 200 MIPS of computational power and the FX3 provides interfaces to connect to serial peripherals such as SPI, UART, I2C and I2S. By using the ultra-flexible 32-bit, 100 MHz General Programmable Interface (GPIF™ II), engineers can SuperSpeed their design, adding USB 3.0 to almost any device.

“We are excited to introduce the game-changing USB 3 uEye CP Camera Series to North America at The Vision Show,” said Alexander Balz CTO of IDS. “We pride ourselves on producing the highest quality medical and machine vision cameras, and the faster USB 3.0 interface gives us the ability to do this. The Cypress USB 3.0 EZ-USB FX3 controller allows ultimate flexibility in our design and provides ground-breaking performance for our customers.”

“The 5 Gbps speed, 900 mA bus power, plug-and-play ease of use and mass adoption makes USB 3.0 an ideal standard for high-quality cameras,” stated Mark Fu, Sr. Business Unit Director for USB 3.0. “IDS Imaging has long been a promoter of the USB standard with their USB-based cameras, and the USB 3 uEye Series cameras truly embody the type of performance and quality that can be achieved when using USB 3.0 and the Cypress EZ-USB FX3 controller.”

**About Cypress**

Cypress delivers high-performance, mixed-signal, programmable solutions that provide customers with rapid time-to-market and exceptional system value. Cypress offerings include the flagship PSoC® 1, PSoC 3 and PSoC 5 programmable system-on-chip families and derivatives, CapSense® touch sensing and TrueTouch® solutions for touchscreens. Cypress is the world leader in USB controllers, including the high-performance West Bridge® solution that enhances connectivity and performance in multimedia handsets, PCs and tablets. Cypress is also the world leader in SRAM memories. Cypress serves numerous markets including consumer, mobile handsets, computation, data communications, automotive, industrial and military. Cypress trades on the Nasdaq Global Select Market under the ticker symbol CY. Visit Cypress online at [www.cypress.com](http://www.cypress.com).

**About IDS Imaging Development Systems GmbH**

With a 14 year track record of success, IDS Imaging Development Systems GmbH is a leading manufacturer of digital industrial cameras and frame grabbers. The company was founded in 1997 and today employs over 100 staff and is internationally represented by subsidiaries in the USA, Japan and France and through a network of distributors in almost all European and Asian countries. IDS Imaging products are well-known for their consistent high quality, long-term availability and maximum ease of integration. The success of this approach is demonstrated by the over 200,000 frame grabbers and over 200,000 USB and GigE uEye cameras that are in use worldwide today. Customers include OEMs, system integrators and manufacturers in the industrial, security, scientific and medical industries. Visit IDS online at [www.ids-imaging.com](file:///\\w2003termsrv\IDSdaten\marketing\intern\_Public_Relations\PressReleases\Products\2012\Imaging\Boston_The_Vision_Show\www.ids-imaging.com).

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