

E2v Chooses 32-bit Processor for Upcoming Products: the Cortus APS3 Core from CAST

DATE Conference, Nice, France, April 16, 2007 — Semiconductor intellectual property (IP) provider CAST, Inc. today announced that e2v in Grenoble, France, has selected the APS3 IP core as its embedded processing core of choice for upcoming mixed-signal sensor and imaging system products. e2V is an award-winning international company specializing in the design, development, and manufacture of components and subsystems for sensors, electronic tubes, and semiconductor applications.

The APS3 is a 32-bit microprocessor IP core developed by CAST partner Cortus, SA. Designed for deeply embedded systems, it offers high performance in a small silicon footprint. E2v's group in Grenoble, France benchmarked the APS3 against competing 8- and 32-bit products, and found it offers the best fit for their demanding mixed-signal CMOS ASICs and ASSPs.

Compared with the 8-bit processors typically used for such systems, the APS3 gives e2v:

- Denser code and smaller memory requirements, due to an efficient instruction set and effective programming tools, and
- Better performance using less power—especially for the challenging calculations required for sensor applications—and the ability to easily integrate specialized hardware accelerators for further improvements.

Learn more about e2v by visiting their website at www.e2v.com. Get technical details and other information on the APS3 at CAST's website, www.cast-inc.com, or by visiting their booth at DATE, April 17 – 19, 2007, in Nice, France.

About e2v technologies plc

E2v is a leading designer, developer, and manufacturer of specialized components and subsystems, with two main product groups: electronic tubes, and sensors and semiconductors. Headquartered in the UK and listed on the London Stock Exchange (e2v.1), the company acquired French sensor and imaging specialists Atmel Grenoble SAS in 2006. Today e2v has approximately 1,800 employees worldwide, with manufacturing sites in the UK and France, sales offices in the UK, USA, Germany, France, and Hong Kong, and a network of distributors and representatives covering other key territories.

About Cortus S.A.

Cortus S.A. is privately-held company that designs and licenses innovative, highly efficient 32-bit processor cores and IP around those processor cores. Designed to replace 8-bit controllers in deeply embedded systems, Cortus processors are uniquely small and power-efficient yet have advanced capabilities such a out-of-order instruction completion. The company is based in Montpellier, France, and has an office in Silicon Valley, CA. Learn more by visiting www.cortus.com.

About CAST, Inc.

CAST provides over 100 popular and standards-based IP cores for ASICs and FPGAs. Privately owned and operating since 1993, CAST has established a reputation for high-quality IP products, simple licensing, and responsive technical support. The company is headquartered near New York City, partners with IP developers around the world, and works with select sales consultants and distributors throughout Europe and Asia.

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