
Avant Technology Inc. Will Represent Cortus at D&R IP-SoC Days 2011 – Shanghai

Montpellier, France, 16th August 2011

Avant Technology Inc. will be representing Cortus SA and presenting their APS3 processor IP at D&R IP-SoC Days 2011 in Shanghai (<http://www.design-reuse.com/ipsocdays/shanghai/>) on September 1, 2011.

Wolfox Yang will present “Native 32 bit performance ... at 8 bit cost”. This exciting presentation shows that nearly all system-on-chip designs can benefit from Cortus’ native 32 bit processing solution and will not exceed the design costs of designing in an 8 bit CPU, yet have all the advantages of using a modern processor. He will show that choosing the Cortus APS3 processor will reduce design costs, project risk and time to market.

The Cortus APS3 is a high performance 32-bit processor designed specifically for embedded systems. It features a tiny silicon footprint (the same size as an 8051), very low power consumption, high code density and high performance (up to 1.67 DMIPS/MHz, 1.90 CoreMarks*). The ecosystem around the APS3 is rich and well developed, and it includes peripherals commonly used in embedded systems, bus bridges to ensure easy interfacing to other IP and system support and functions such as cache and memory management units. A full development environment (for C and C++) is available, which can be customised and branded for final customer use. For the most demanding designs the APS3 can be used in a multi-core configuration. The APS3 processor core is currently in production in a range of products from security applications to ultra low power RF designs.

(*CoreMark/MHZ 1.0 : 1.899226 / GCC4.5.1 20110502 (Cortus) -mmul -flto -O3 -funroll-all-loops -finline-limit=500 / Stack 1:1 imem, 1:1 dmem)

About Avant Technology:

Avant Technology Inc., a professional EDA & IP distributor in Asia, was founded and headquartered in Hsinchu, Taiwan in 1990. Avant Technology provides the leading-edge MEMS solutions, Processor & Embedded Memory IPs, Interface IPs such as MIPI & SDIO, Audio IPs, PCI-Express & SATA Verification IPs, and EDA Tools such as ESL C-based Design, Mixed-Signal Design, Design for Test, Design Quality Monitor, Validation of Cell Library Integrity as well as IBIS Model Generation.

Avant Technology Inc. is headquartered at 5F-1, No. 83, Section 2, Gongdaowu Road, Hsinchu, Taiwan 30070 and has sales offices in China, Korea and Taiwan.

<http://www.avant-tek.com>

About Cortus S.A.:

Cortus S.A. is the price/performance leader for 32 bit processor IP for embedded systems. Cortus cores are used in applications where one or more of small silicon footprint, low power consumption, good code density/small code memory size and high performance are important.

Cortus is the world leader in terms of DMIPS per square micrometre and DMIPS per microwatt.

<http://www.cortus.com>.

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