
Cortus and RivieraWaves Partner to Provide Complete *Bluetooth*[®] Low Energy and Classic *Bluetooth*[®] BR/EDR Low Power Platforms

Montpellier, France, 27th September 2010.

Cortus and RivieraWaves announce a partnership providing a range of complete, turnkey, easy to integrate, *Bluetooth* IP solutions.

One of the Platforms, resulting from this partnership, is a complete, fully qualified, *Bluetooth* Low Energy solution, specifically designed for ultra low power systems requiring exceptionally long battery life. The IP is a complete solution combining RF, modem and baseband hardware and the protocol stack running on the integrated APS3 processor from Cortus. All these elements form a common reference platform including bus system, memory interfaces and peripherals. This ready-to-use integrated solution, called the RiCoW Platform, ensures first time success and reduces time to market when used as the backbone of an SoC, or as a sub-system in a bigger SoC such as baseband or application processors.

“The APS3 is the perfect CPU Core for our *Bluetooth* IP! This ultra-low power processor core provides more than enough processing power to not only run our *Bluetooth* protocol stacks but also demanding customer applications whilst allowing us to achieve an ultra-low power system. The tiny silicon footprint ensures that our customers can integrate *Bluetooth* into their systems without dramatically increasing their budgets” said Ange Aznar, President and CEO of RivieraWaves.

Mike Chapman, CEO of Cortus, said “This is an ideal partnership, our processor IP perfectly complements RivieraWaves’ advanced wireless technology. Our APS3 offers a perfect platform to robustly and efficiently run the various *Bluetooth* protocol stacks. Our customers will have an ultra low power *Bluetooth* platform on which to base their solutions.”

RivieraWaves provides a set of *Bluetooth* IP blocks composed of basebands, modem, radio and software protocol stack to address *Bluetooth* 2.1+EDR, *Bluetooth* 3.0 and *Bluetooth* 4.0 (aka *Bluetooth* low energy) standards for integration into System on Chips. RivieraWaves recently announced the world’s first qualified *Bluetooth* low energy baseband IP. The RivieraWaves *Bluetooth* IP blocks are flexible to accommodate the requirements of any *Bluetooth* enabled product such as sport & fitness wireless sensors, medical wireless sensors, watches, remote controller, home/building control & automation, set top boxes, mobile phones, PC/laptop, audio peripherals (mono/stereo headset, hands free car kit, stereo speakers).

The Cortus APS3 is a fully 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. A full development environment is available, which is available for

customisation and branding for final customer use. The ecosystem around the APS3 is rich and well developed, it includes a full development environment (for C and C++), peripherals typical of embedded systems, bus bridges to ensure easy interfacing to other IP and system support and functions such as cache and memory management units. 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.

About RivieraWaves:

Thanks to their unique and proven portfolio of Bluetooth® and Wi-Fi® Intellectual Property (IP), and best of breed Design Services, RivieraWaves is a leading player in the wireless field. Its highly skilled team makes RivieraWaves the ideal partner for companies planning to deliver wireless IC solutions for the mobile, medical, sports & fitness, watch, entertainment, industrial markets and other wireless sensor based applications.

RivieraWaves provides semiconductor companies with hardware, software and radio IPs for ASIC integration. RivieraWaves also provides differentiated software solutions and application development that increase the value of customers' end products.

For more information, please visit us at <http://www.rivierawaves.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.

The Microprocessor Report crowned Cortus' APS3 "The king of Lilliput".

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

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