

intoPIX Bridges the World of Professional Video Production and Ethernet Networks with New AVB FPGA IP-cores

BELGIUM, Mont-Saint-Guibert - At the upcoming NAB show, the leading technology provider **intoPIX** (booth C5243) is announcing new IEEE 802.1 and IEEE1722 Ethernet AVB (Audio Video Bridging) FPGA IP-cores made to boost the Broadcast studios and facilities transition towards a fully networked infrastructure with a cost effective and future-proof standard that offers a maximum of reliability, quality and interoperability.

“Our AVB FPGA IP-cores will enable Broadcasters to work with a true network workflow replacing traditional point to point connections and eliminating the need for dedicated audio and video matrix switchers.” said Gael Rouvroy, Chief Technology Officer of intoPIX.

The two first AVB IP-cores will be both available for Altera and Xilinx FPGAs, first demos will be made during Q3 2014 and product availability is announced for 2015.

The **IPX-AVB10G-Video** IP-core is designed for 10 GbE and brings a complete Ethernet AVB protocol support to move current SDI-based production workflows to a smart and scalable Ethernet network infrastructure. With an option to lock to a network reference, it will also support the SDI Profile and manage up to 4 video inputs/outputs and 64 audio channels. The **IPX-AVB1G-Audio** IP-core is designed for 1G Ethernet and brings a complete Ethernet AVB audio protocol support. The IP-core is designed with a very small FPGA footprint and support up to 64 audio channels and can be locked to a network reference as well.

intoPIX wants to enable equipment manufacturers to take full advantage of the many benefits of Audio Video Bridging, accelerating product development and enabling a rapid network interoperability. intoPIX new coming AVB IP-cores will be already featured at the intoPIX booth (C5243) at NAB Show next week and also at infoComm in June.

About AVB (Audio Video Bridge)

IEEE 802.1 and IEEE 1722 Audio Video Bridging (AVB) standards provide the highest quality and most reliable streaming A/V experience. Ethernet AVB provides networked time-synchronized low latency streaming, automatic bandwidth reservation and optimal bandwidth utilization via traffic shaping. The standard is particularly suitable for broadcast studios and facilities, pro-AV applications, and also automotive or consumer electronics.

About intoPIX

intoPIX is a leading supplier of video and image compression technology to audiovisual equipment manufacturers. We are passionate about offering people a higher quality image experience and have developed FPGA IP-cores and solutions that enable leading-edge video and image compression, security, video transport and hardware enforcement. More about intoPIX compression can be found on www.intopix.com.

intoPIX s.a.

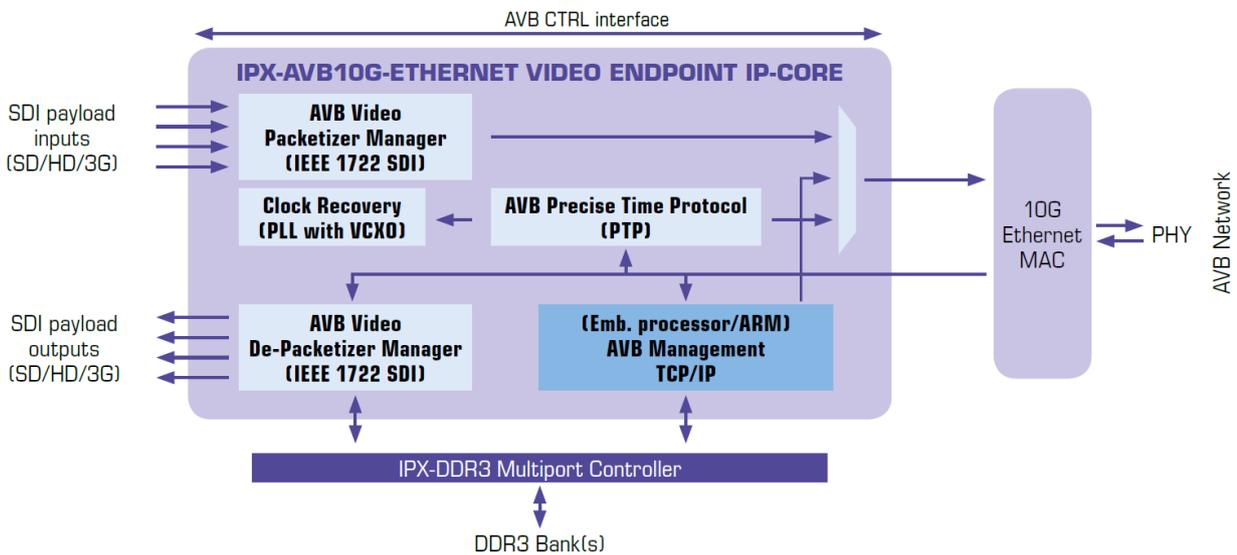
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VIDEO TRANSPORT



Bridging the worlds of Professional Video Production & Ethernet Networks with Smart **AVB** FPGA Solutions

IPX-AVB10G-Video: 10G AVB Video Endpoint IP-core



IPX-AVB1G-Audio: AVB AUDIO Endpoint IP-core

