



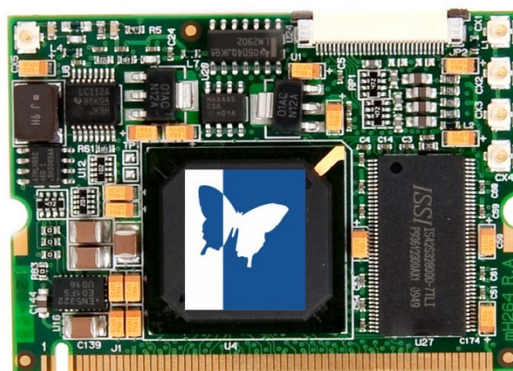
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Full frame rate H.264 video cards for *PC/104-Plus* and mini PCI

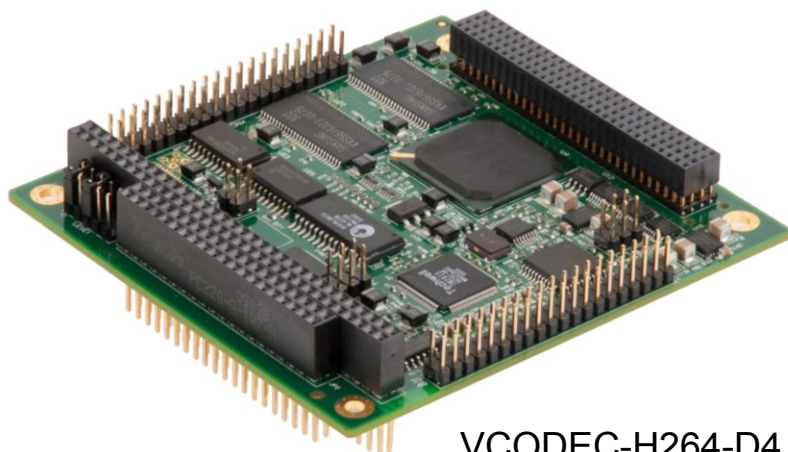
New York, NY and Cambridge, England – January, 2011.

Advanced Micro Peripherals has introduced two high performance H.264 (MPEG-4 Part 10 AVC) frame grabber / video codec boards for the [PC/104-Plus](#) and [mini PCI](#) markets - both supporting 4 analog input channels with full frame rate video acquisition at full resolution NTSC / PAL image size. H.264 based video codec technology offers significantly improved compression and video quality at lower bit rates and is quickly becoming the standard of choice for new digital video recorder and video streaming applications.

Both video codec cards are supported by comprehensive software development kits (SDKs) for x86 based Windows and Linux platforms (support for ARM platforms and RTOS solutions such as QNX are available on request). The SDKs include a huge selection of function calls to simplify the process of capturing, previewing, annotating and storing video in a variety of modes. The SDKs include libraries, drivers and example applications – all designed



microH264-D4



VCODEC-H264-D4

to save you time and money during the critical application development phase. Both modules include integrated motion detection hardware on all channels, a 4 channel audio encoder (G.723) along with a video and audio decoder for local playback.

These products have been designed for remote monitoring and situation awareness applications in defense, traffic management and automated inspection equipment. Both the [microH264-D4](#) and [VCODEC-H264-D4](#) cards are available with extended temperature range options (-40°C to +85°C) and a commitment to 5 year availability.

About Advanced Micro Peripherals (www.amp-usa.com)

Advanced Micro Peripherals is a leading manufacturer of embedded video solutions - offering the latest MPEG-4 / H.264 codecs and video overlay / annotation technologies on a wide range of embedded board form factors including PC/104-*Plus*, CompactPCI, PCI and miniPCI modules. Founded in 1993, AMP is focused on rugged, long-life embedded board and system products with supporting software development kits for video capture, annotation, display and recording. From its design center near Cambridge (UK), AMP also offers Design Services to meet the needs of specialized customer requirements.

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