

Vixs rolls out HD AVC system-on-a-chip
By Mike Robuck
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Vixs Systems recently introduced its MPEG-4 system-on-a-chip for transcoding, decoding and encoding.

Vixs said its XCode 3290 is designed to give set-top box and consumer electronics manufacturers the ability to build AVC home video-related products that are cost-effective.

The XCode 3290 can be integrated into home video products such as HD set-top boxes, personal video recorders (PVRs), digital TVs, Blu-Ray/HD DVD recorders, media servers and network attached storage (NAS) products. Its multi-core processors allow for multiple or advanced applications such as PVR, DLNA and networking without the aid of an external CPU.

The XCode 3290's dual HD transcoding, encoding and dense peripheral integration can help CE manufacturers build next-generation home video products that have storage, networking and content protection needs. Consumers can extend their recording times up to six times longer by using Vixs' transcoding technology that takes MPEG-2 or AVC streams and squeezes them into lower bitrates, resolutions and video formats.

It also supports various conditional access formats including intergraded CableCARDS and Smart Card interfaces.

"XCode 3290, with its powerful video processor unit, will pave the way for OEMs to build a new class of products that will give consumers unprecedented use case scenarios for managing their multimedia content," said Sally Daub, president and CEO of Vixs Systems, in a prepared statement.