

## VIA Announces the VT1625 HDTV Encoder for a Crystal Clear Cinematic Viewing Experience

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VIA Technologies, Inc, a leading innovator and developer of <u>silicon</u> chip technologies and PC platform solutions, announced the VIA VT1625 <u>HDTV</u> Encoder, enabling multimedia connections to the latest display devices. The VIA VT1625 HDTV Encoder enables a wide range of inputs and outputs for a digitally brilliant visual <u>display</u>, including support for the latest 1080i HDTV sets.

Consumers today are purchasing HDTV sets at an unprecedented rate for their home entertainment and home theatre systems. The strong adoption rate of HDTV displays is being driven by the widespread availability and growth of HDTV content including TV, movies, and PC games that deliver a crystal clear widescreen cinematic viewing experience.

The VIA VT1625 Digital TV Encoder enables PC support to the latest HDTV displays, accepting a wide range of input data formats from graphics chips or MPEG decoders, and providing a high quality viewing experience across key global video standards up to 1080i HDTV. Enabling support for a wide range of input resolutions the VIA VT1625 HDTV Encoder integrates the advanced VIA ProScale<sup>TM</sup> multi-resolution scaler, and can perform non-interlace to interlace conversion to generate high quality flicker-free video signals.

"As Personal Electronics based on the x86 platform become more integral in the living room, the VIA VT1625 HDTV encoder provides a



crucial platform component that delivers a high resolution viewing experience," commented Steve Chen, Executive Assistant to the President, VIA Technologies, Inc. "Supporting resolutions up to 1080i, the VIA VT1625 enables connections to virtually all displays, and its advanced feature set ensures that regardless of the input, output or resolution, the graphics quality will be superb."

## About the VIA VT1625 HDTV Encoder

The VIA VT1625 Digital High Definition Television Encoder is designed to support any input resolution from 640x480 to 1024x768, including HDTV input formats 1280x720 or 1920x1080 in various RGB pixel data formats or YCrCb pixel data formats from graphic chips or MPEG decoders. Capable of performing non-interlace to interlace conversion for high-quality flicker-free video signals, the VIA VT1625 also integrates an advanced ASIC with the advanced VIA ProScale® Technology which can scale any input resolution to display in 720p or 1080i HDTV resolutions.

Integrating six high quality 10-bit DACs, the VIA VT1625 TV encoder is capable of supporting the majority of worldwide video standards, including NTSC-M (North America, Taiwan), NTSC-J (Japan), PAL-B, D, G, H, I (Europe, Asia), PAL-M (Brazil), PAL-N (Uruguay, Paraguay) and PAL-Nc (Argentina). The VIA VT1625 HDTV Encoder can simultaneously output composite video, S-Video, component, RGB signals with interlace/non-interlace scan mode, or output an analog progressive scan signal in YPbPr or RGB format. SCART interfaces and D-Terminals are also supported. The video DACs can also be programmed to display secondary CRT monitor. In addition VIA also offers the VT1625M supporting Macrovision 7.1 anticopy video signals or the Macrovision 1.2 AGC copy protection with 525p and 625p progressive scan output.)



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