



VIA VT1622 Digital TV Encoder

VIA Multimedia

VIA Multimedia Product Families



□ Video

- Digital TV Encoders
- TMDS Display Interface Transmitters
- LVDS Display Interface Transmitters

□ Audio

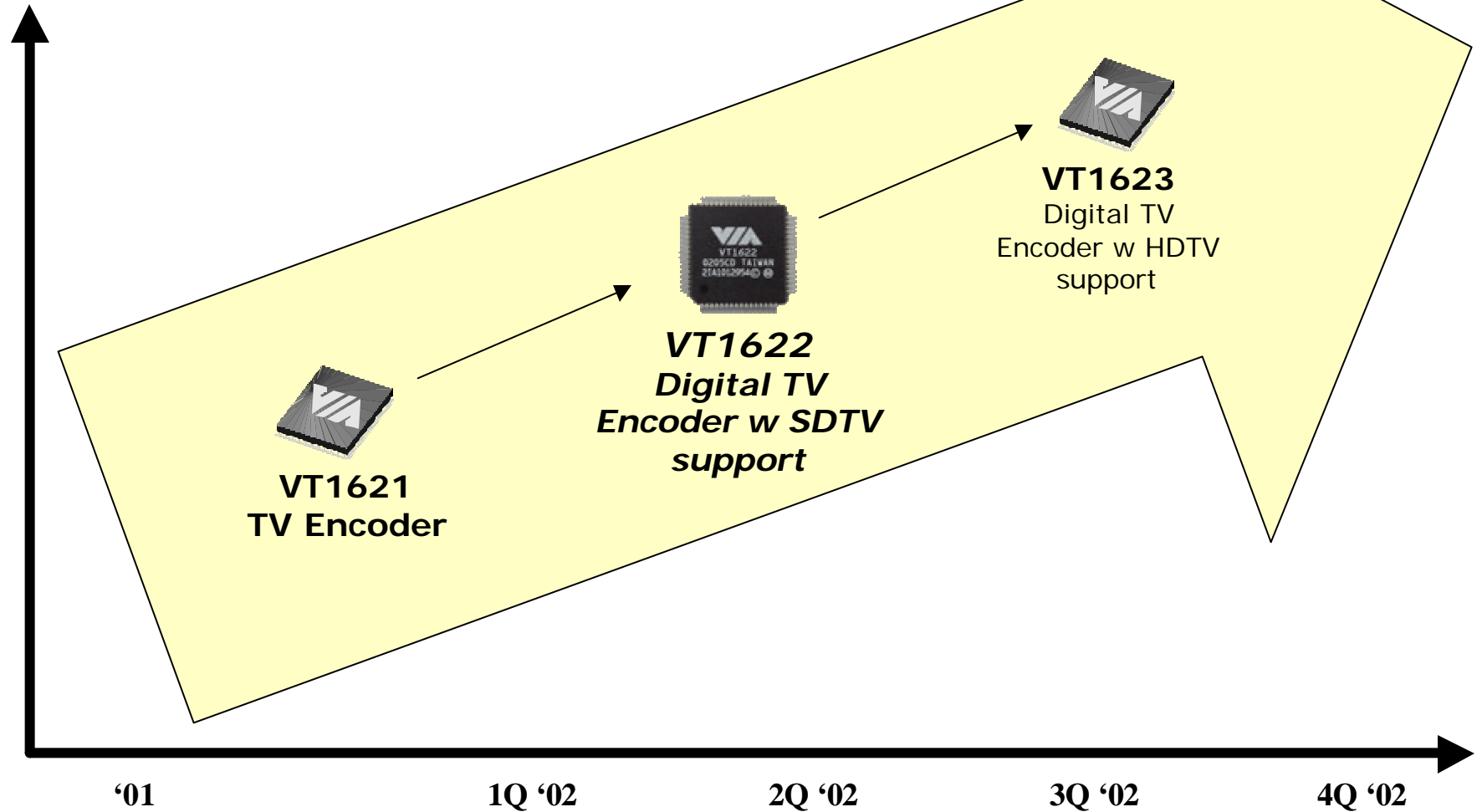
- Professional audio controllers
- High end PCI audio controllers
- AC'97 audio codecs

VIA Digital TV Encoders

- **Bridging the digital-analog divide**
 - Convergence of digital data content and display appliances
 - Rapid adoption of integrated home entertainment systems
- **Home and business multimedia applications**
 - Set-top boxes
 - Video streaming
 - Presentations



VIA Digital TV Encoder Roadmap



VIA VT1622 Digital TV Encoder

- **Supports standard video inputs**
 - Digital RGB, YCrCb
- **Output straight to your TV**
 - Composite A/V, S-Video, YCbCr, SCART
 - NTSC or PAL
 - Standard Digital TV SDTV
- **Progressive output for Standard Definition Digital TV SDTV**



Comprehensive Video output support

- **High Quality 4x10-Bit Video DAC**
 - Simultaneous two S-Video or one S-Video with two composite outputs
 - Simultaneous RGB or YCbCr component output with one composite output
 - S-Video, Composite, YCbCr and SCART (RGB) with interlaced or non-interlaced scan output support
- **Supports wide range of worldwide video standards**
 - N. America, Japan, Europe, Asia, Brazil, Uruguay & Paraguay, and Argentina.



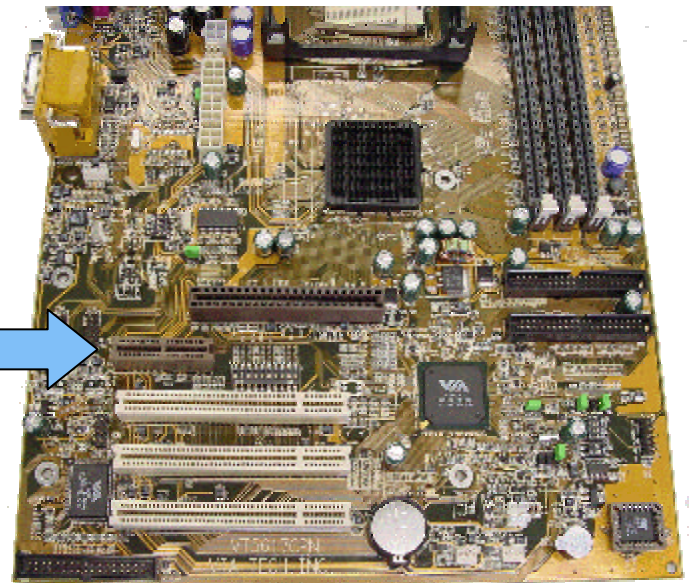
Features for Enhanced Performance

- **Enhanced graphics resolution up to 1024x768**
- **VIA-developed ProScale™ technology**
 - Scales wide range of input resolutions to TV format
- **Adaptive deflicker filtering**
 - Improved TV image quality & sharpness
- **Supports Macrovision**
 - Industry supported anti-copy protection



Easy Computer Integration

- Integration on mainboard, graphics card, or in add-in PCI card for ACR



VIA VT1622 Summary

- **TV connectivity to the PC**
- **Wide range of video inputs and outputs**
- **Excellent Video quality**
- **Easy to integrate**

