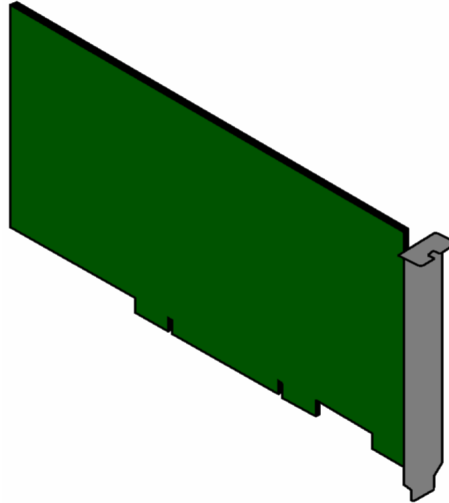


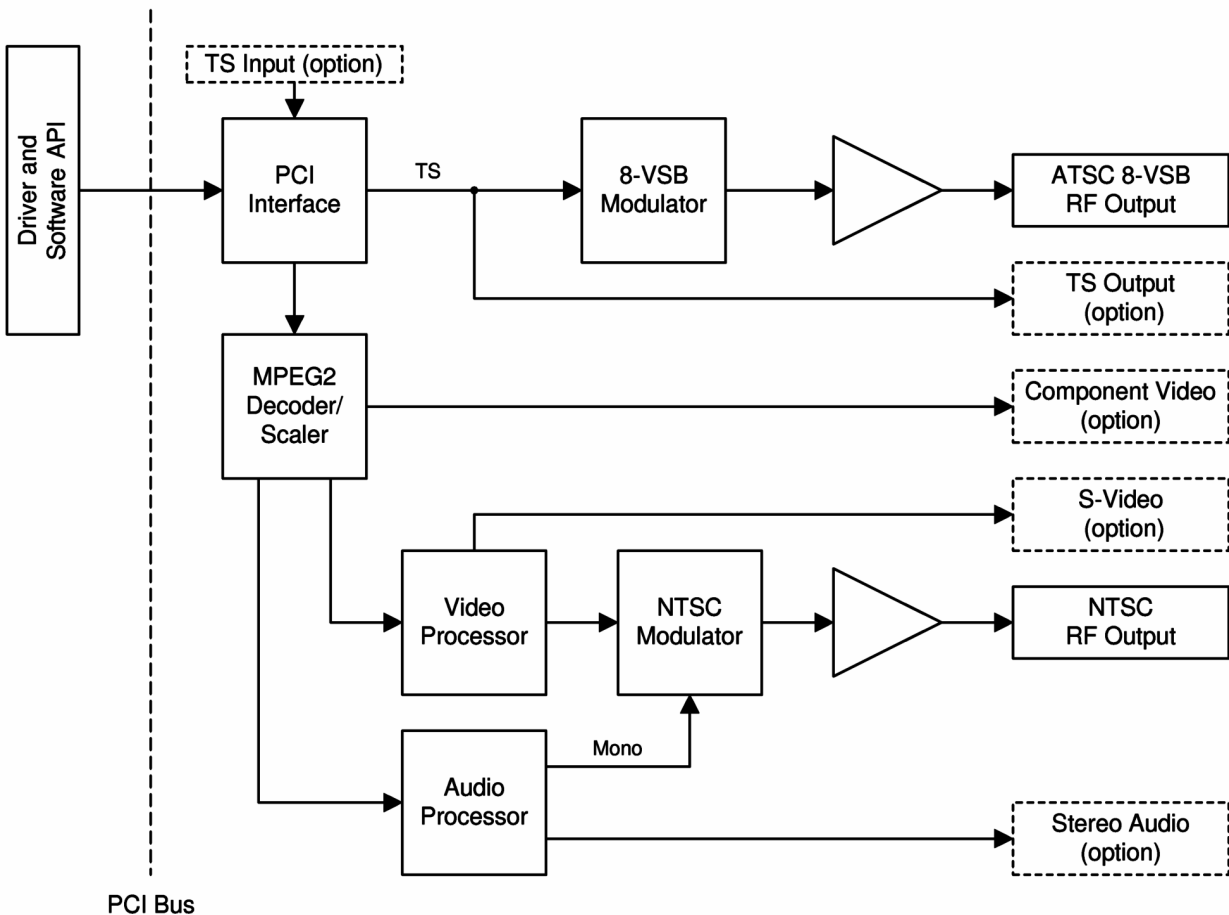
## OEM DTV/NTSC PCI Output Card Product Brief



### Description:

This OEM DTV/NTSC output card is designed to be a one piece solution for delivering ATSC/MPEG source material in a variety of output formats. The card provides dual modulated television outputs based on the NTSC and ATSC standards. The input to the card is an ATSC-MPEG2 transport stream delivered via PCI interface. Design flexibility allows easy addition of optional input and output types such as transport stream, component video, s-video, stereo audio, etc. Robust low-level software drivers, a simple program interface (API), and sample code (SDK) are provided to simplify integration and minimize start-up time.

## OEM DTV/NTSC PCI Output Card Product Brief



**OEM NTSC/ATSC PCI Output Card - Block Diagram**

# **OEM DTV/NTSC PCI Output Card Product Brief**

## **Features:**

- Proprietary seamless TS playlists and looped playback. (Patent Applied For)

## **Inputs:**

- Application program interface for PCI transfer of 19.39 Mbps ATSC/MPEG2 transport stream files.
- LVDS transport stream input header (option).

## **Outputs:**

- ATSC-8VSB modulated RF signal on channels 14-21 (tuned through software API). -15dBm, 75 ohm.
- Simultaneous NTSC modulated RF signal on UHF 21-69 or VHF 2-13 (tuned through software API). Mono audio. -21dBm, 75 ohm.
- S-Video and Component video outputs (option).
- Stereo analog audio outputs (option).
- LVDS transport stream output header (option).