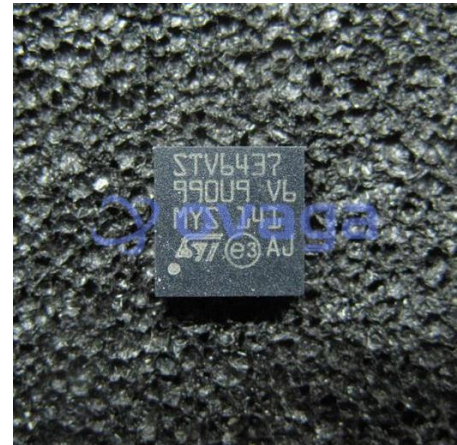


Audio/video buffer and four-channel SD/PS/HD video filter

Manufacturers	STMicroelectronics, Inc
Package/Case	QFN-28
Product Type	Multimedia ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for STV6437 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The STV6437 is a video decoder IC designed to decode analog video signals and convert them into digital formats for further processing or display. It is commonly used in applications where analog video signals need to be converted to digital formats for various video processing tasks.

Features

Video Decoding: The STV6437 includes a video decoder that can handle various analog video formats, such as NTSC, PAL, and SECAM.

Analog-to-Digital Conversion: It features an analog-to-digital converter (ADC) that converts the analog video signals into digital formats suitable for further processing or storage.

Video Processing: The IC offers various video processing features, including brightness, contrast, hue, and saturation adjustments, as well as color space conversion and synchronization.

Digital Output: It provides digital video output formats, such as ITU-R BT.656, which can be directly interfaced with digital video processors or storage devices.

Noise Reduction: The STV6437 may include built-in filters and noise reduction algorithms to improve the quality of the decoded video signals.

Control Interface: The IC offers a control interface, such as I2C or SPI, for configuring its settings and controlling the video decoding operations.

Application

Set-top Boxes: It is used in set-top boxes or multimedia devices for decoding and processing analog video signals received from cable, satellite, or terrestrial sources.

Video Capture Cards: The IC is utilized in video capture cards or devices that convert analog video signals into digital formats for recording or streaming.

Surveillance Systems: It can be used in video surveillance systems for decoding analog video feeds from security cameras for display or recording.

Video Processing Systems: The IC finds applications in video processing systems that require analog video signal decoding and various video processing functionalities.

Multimedia Devices: It is used in multimedia devices, such as DVD players, gaming consoles, or media players, for decoding analog video content.



Related Products



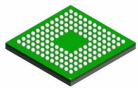
[STV5730A](#)

STMicroelectronics, Inc
SOP28



[STDP6038-AC](#)

STMicroelectronics, Inc
QFP-128



[STDP4028-AB](#)

STMicroelectronics, Inc
164LFBGA(12x12m



[TDA1175P](#)

STMicroelectronics, Inc
PDIP-16