



STV-676/501C-R01

Reference Design for STV0676 processor and VV6501 image sensor

DATA BRIEFING

Features

- USB 1.1 compliant
- Motion-JPEG compression
- Isochronous USB data transfer
- DirectShow driver support
- Up to 30 frames per second VGA
- Supports multiple output image formats

Description

The Video Conferencing Chipset Reference Design Kit (RDK) allows the user to display streaming video from the VV6501 VGA (640 x 480) resolution colour sensor + STV0676 companion co-processor. The Reference Design Kit includes:

- Reference Design Board
- USB cable
- User manual
- Gerbers and DirectShow applications
- DirectCap

Minimum Requirements

- IBM PC or compatible with USB port
- Windows 98/ ME/ 2K/ XP (Win 98 and ME require DirectX 8.1 or better)
- Graphics Adapter capable of 800x600 resolution, 64k colours ("thousands of colours")
- CDROM drive

Technical documentation

Datasheet
STV0676 - CMOS digital camera co-mpanion processor
User manuals
User manual for STV-676-E01 evaluation kit for STV0676 used with CIF or VGA CMOS image sensors.
Dual mode camera reference design for STV0676 companion processor and VV6501 VGA CMOS sensor

Ordering Information

Sale type	Description
STV-676-E01	Evaluation kit for STV0676 imaging digital signal processor
VV6501C001	CMOS image sensor with VGA resolution
STV-676/501C-R01	Reference design for STV0676 digital processor and VV6501 CMOS image sensor with VGA output resolution
STV0676	CMOS digital camera companion processor

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