STV-674/100T-E01

Evaluation Kit for the STV0674 CMOS Imaging Digital Processor

DATA BRIEFING

Features

- **STV0674 tethered over USB**
  - DirectShow, WIA and TWAIN Driver support
  - Real-time video up to 30 frame/s VGA
  - DirectCap.exe - DirectShow aplication
  - STCIDemo.exe - for upload of stored objects
- **STV0674 untethered (EVK generic firmware)**
  - Still image capture
  - AVI capture
  - Audio only capture
  - Video only capture
  - NV capture - NAND flash

Description

The STV-674-E01 evaluation kit allows the user to evaluate the operation of the STV0674 companion processor when operating with STMicroelectronics VGA CMOS image sensors.

The STV0674 streams video and audio while tethered over USB. When untethered, the EVK allows the capture of still images, video, movie (video with audio) and audio only to the on-board memory, these can then be uploaded to a host PC.

The EVK also includes the following:

- Evaluation board,
- VV6501 sensor daughter board
- USB cable
- User manual
- CD-ROM with application software and documentation

Minimum Requirements

- IBM PC or compatible
- Windows 98SE, Win ME, Win2K + SP3 or WinXP + SP1 Operating System
- DirectX8.1 or later
- Graphics Adapter capable of 800x600 resolution, 64k colours (“thousands of colours”)
- CDROM drive
- PII 266 with 64M RAM (Win98/ME) or 128M RAM (Win2K/XP)

Technical documentation

Datasheet
STV0674 - CMOS digital camera signal processor
User manuals
User manual for STV-674/100T-E01 evaluation kit for STV0674 used with VGA CMOS image sensors.
Tri- mode camera reference design for STV0674 companion processor and VV6501 VGA CMOS sensor with nand flash and SMC

Ordering Information

Sale type	Description
STV-674/100T-E01	Evaluation kit for STV0674 imaging digital signal processor
VV6501C001	CMOS image sensor with VGA resolution
STV-674/501C-R01	Reference design for STV0674 digital processor and VV6501 CMOS image sensor with VGA output resolution
STV0674T100	CMOS digital camera signal processor