Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

STMicroelectronics
STV-974/552S-R02

For any questions, you can email us directly:
sales@integrated-circuit.com

STV-974/552S-R02

Reference design for
STV0974E imaging mobile DSP and VS6552 sensor module

DATA BRIEFING

Features

■ **1.8 V operation**

■ **Parameterized ViewFinder**

■ **Still and live capture modes**

■ **Supports up to 30 frame/s VGA streaming to minimize motion distortion**

■ **Support for low noise, high performance VisionLink to SmOP (Small Optical Package)**

■ **Automatic exposure control including anti flicker**

■ **Automatic white balance**

■ **Pixel defect correction**

■ **DSP noise reduction system**

■ **Arbitrary image cropping**

■ **Multiple image scaling options**

■ **MJPEG compression**

■ **Multiple digital video interfaces supported**

■ **RGB, YCbCr and JPEG data coding options**

■ **Downscale 'MMS Zoom' feature**

■ **I^2C communications**

■ **Ultra low power standby mode**

Description

The STV-974/552S-R02 demonstration board is designed to showcase the features of the STV0974E and VS6552 chipset. Connecting through a high speed USB 2 interface, the included software allows for effective demonstration of the chipset features.

Evaluation Kit Contents

● Demonstration board fitted with R02 (socket) sensor head
● Tabletop tripod
● USB 2 cable
● Application CD
● User Manual

Recommended Requirements

● IBM PC or compatible
● 2.0 GHz Intel Pentium 4 processor (1.0 GHz minimum)
● 256 MB RAM
● Windows 2000 + SP4 or Windows XP
● AGP graphics card capable of 1024 x 768 display, 32-bit color
● Intel or NEC based USB 2 host controller

Ordering Information

Sale type	Description
STV0974E	Imaging mobile DSP
VS6552V015/T2	CMOS image sensor module
STV-974/552S-E01	Evaluation kit for STV0974E and VS6552, includes flex and socket plug-ins
STV-974/552S-R01	STV0974E/VS6552 Demonstration board comprising VS6552 SmOP mounted via flex attach
STV-974/552S-R02	STV0974E/VS6552 Demonstration board comprising VS6552 SmOP mounted on a socket

Distributor of STMicroelectronics: Excellent Integrated System Limited
Datasheet of STV-974/552S-R02 - BOARD DEMO USB STV0974 W/VS6552
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

STV-974/552S-R02

STMicroelectronics GROUP OF COMPANIES
Australia - Belgium - Brazil - Canada - China - Czech Republic - Finland - France - Germany - Hong Kong - India - Israel -Italy - Japan - Malaysia - Malta-Morocco - Singapore - Spain - Sweden - Switzerland - United Kingdom - United States

www.st.com