



## STEVAL-CCA006V1

Evaluation board for the  
TSH103 low-cost triple video buffer with filter

Data Brief

### Features

- 4.5 V to 5.5 V single supply operation
- R-G-B, Y-Pb-Pr, Y-C-CVBS driving
- 3 channels with 6 dB gain buffer
- 3 video reconstruction filters for SD (standard-definition)
- 3 internal input DC level shifter
- Very low harmonic distortion
- Each output can drive AC- or DC-coupled 150  $\Omega$  loads

### Description

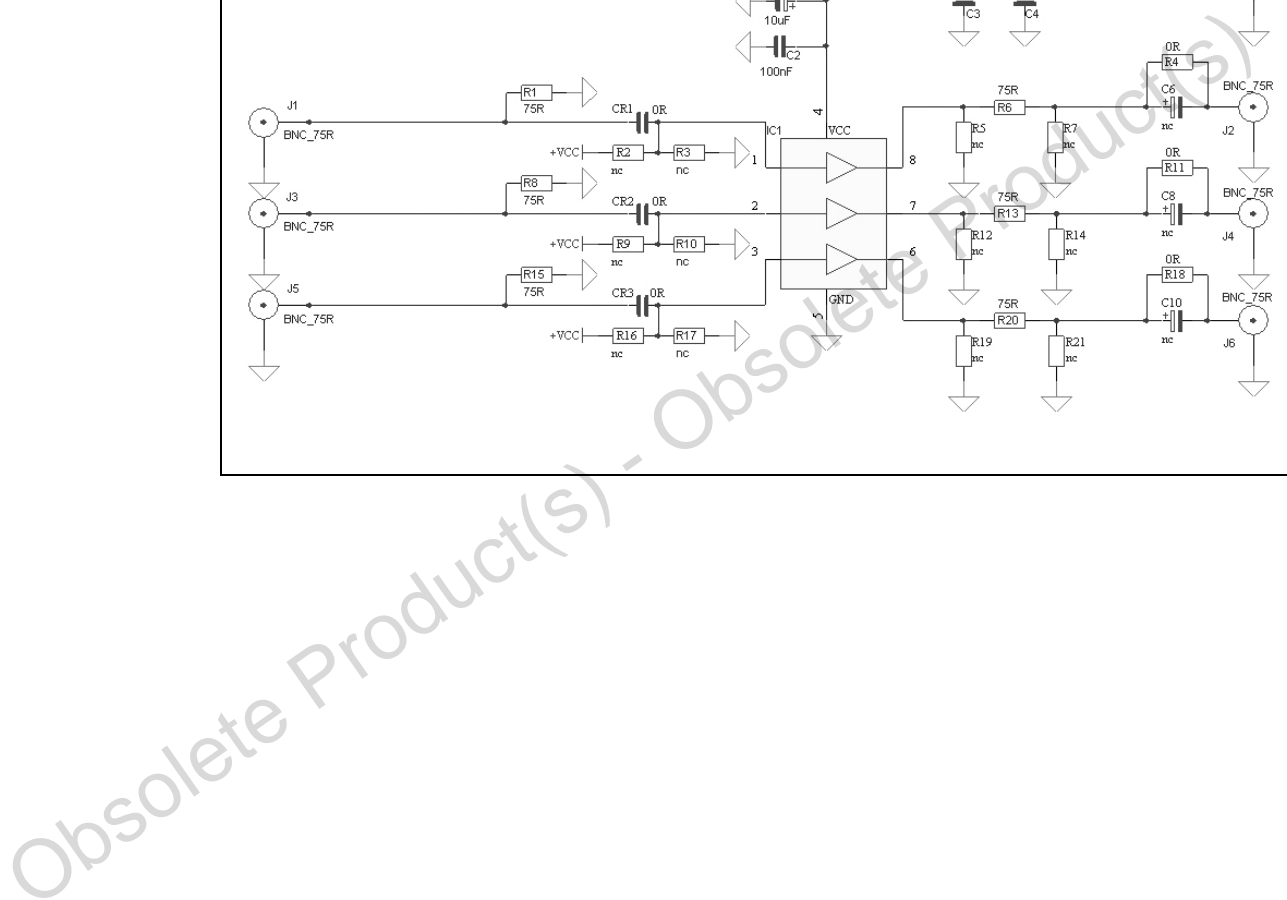
This evaluation board is designed to aid in the evaluation of the TSH173, a single supply triple video buffer featuring an internal gain of 6 dB and an internal low pass filter with an 8.2 MHz cut-off frequency for each channel, in compliance with standard-definition requirements for video line interfaces.



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## 1 Circuit schematic

**Figure 1. Schematic diagram**



## 2 Revision history

Table 1. Document revision history

Date	Revision	Changes
06-May-2008	1	Initial release.

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