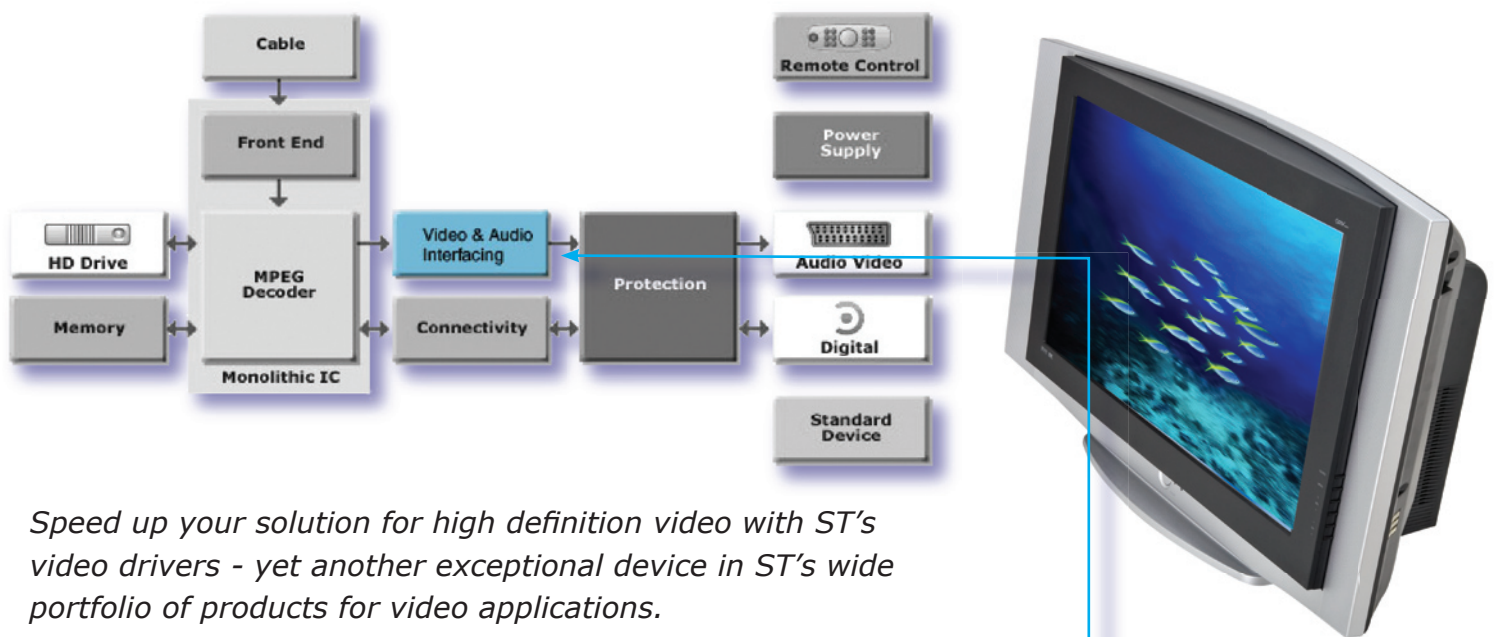


Solutions

High Performance Op-Amps

340MHz single-supply high-speed video drivers for HDTV video lines

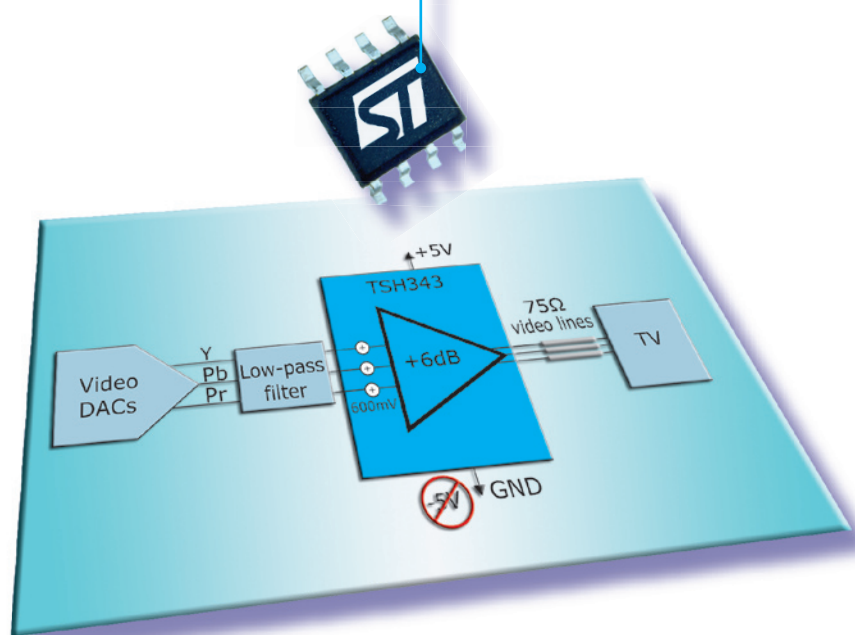
Innovative products for multi-segment application systems



Speed up your solution for high definition video with ST's video drivers - yet another exceptional device in ST's wide portfolio of products for video applications.

Key features and Benefits

- Bandwidth (internal gain=+2)
 - TSH344: 340MHz
 - TSH343: 280MHz
- 780V/ μ s slew rate
- Low distortion (at 2Vpp/30MHz on a 150 Ω load):
 - H2 = -42dBc
 - H3 = -51dBc
- Low voltage noise: 7nV/ \sqrt Hz
- Single Supply Voltage: 3.3V to 5V



Part No	No of Channels	Internal Gain	DC Shift	Package
TSH343	3	Yes	Yes	SO8
TSH344	3	Yes	No	SO8
TSH340	1	Yes	No	SOT23/SO8
TSH341	1	No	No	SOT23/SO8

For further information, datasheets and application notes visit www.st.com/tsh3x

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