



■ DESCRIPTION

AA8682 is a video driver which integrates 6dB gain rail to rail output driver, 3rd low pass filter. It supports +2.5V to +5.5V operating voltage, and is ideal for video output device such as surveillance camera. The AA8682 can be DC-coupled or AC-couple with input video signal, such as the output stage of DAC to eliminate out-of-band noise. The output can drive DC-couple or AC-couple signal (150Ω) or dual (75Ω) loads.

■ FEATURES

- Operating Voltage, +2.5V~+5.5V
- Transparent Input Clamping
- 3rd Order 72MHz (Full HD) Filter
- 6dB Output Driver Gain and Drive Dual Video Load
- Rail-to-Rail Output
- AC or DC-coupled Inputs
- AC or DC-coupled Outputs
- SOT23-6 package

■ APPLICATIONS

- Cable and Satellite Set-Top Boxes
- Portable and Handheld Products
- Personal Video Recorders
- AHD/TVI/CVI Analog HD Camera

■ BLOCK DIAGRAM

