



DESCRIPTION

AA8617 is a video driver which integrates triple 6dB gain rail to rail output driver and triple 3rd low pass filter. It supports +2.5V and +5.5V operating voltage, and is ideal for video output device, ranging from portable digital still camera and stationary equipment such as Set-top boxes (STB). The AA8617 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
- Low Power with 19.5mA Total Supply Current
- Transparent Input Clamping
- Triple 3rd Order 50MHz (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
- Lead-Free SOIC-8 package

APPLICATIONS

- Able Set-top Boxes (STB)
- Video Amplifiers
- Portable and Handheld Products
- Video on Demand (VOD)
- Personal Video Recorders (PVR)
- Communications Devices
- DVD Players
- HDTVs

BLOCK DIAGRAM

