



## ■ DESCRIPTION

AA8617 is a video driver which integrates triple 6dB Gain rail to rail output driver and triple 3<sup>rd</sup> 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, typical +2.5V~+5.5V
- Low Power 19.5mA total supply current
- Transparent Input Clamping
- Triple 3<sup>rd</sup> 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

## ■ APPLICATION

- Cable set-top boxes(STB)
- Video amplifiers
- Portable and handheld products
- Video on demand(VOD)
- Personal video recorders(PVR)
- Communications devices
- DVD players
- HDTVs