

Product Overview

LA74309FA: Microphone Amplifier

For complete documentation, see the data sheet.

LA74309FA is a microphone amplifier for digital still cameras that have mono audio recording. The analog signal processing for the recording of the digital still camera or other equipment can be easily composed, because the MIC power supply and the ALC circuit are built-in. Moreover, the regulator is built-in, therefore external regulator is unnecessary.

Features

- Microphone (MIC) amplifier (+20dB)
- MIC power supply with built-in pull-up resistor
- Automatic level control (ALC) amplifier (output level = -1dBV = 2.5 Vpp)
- 3rd order LPF (fc = 11 kHz)
- 3 V regulator (At the time of VCC = 3.3 V, internal supply voltage: VCCA = 3.0 V)
- Standby control (ICC 10 μ A)

Applications

- Digital still cameras

For more information please contact your local sales support at www.onsemi.com.

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