ES7154

1. bit I2S Audio DAC with 2 Vrms Output

1 **描述**

The ES7154 is a low cost 14-pin stereo digital to analog converter. The ES7154 can accept I²S serial audio data format up to 24- bit word length. The device uses advanced multi-bit ∆-∑ modulation technique to convert data into two channel analog outputs. The multi-bit ∆-∑ modulator makes the device with very low sensitivity to clock jitter and very low out of band noise. The devices integrates a charge pump to generate negative supply from 5V supply, thus providing ground centered 2 Vrms analog output

2 **特性**

• 102 dB SNR • -85 dB THD+N • Up to 100 kHz sampling frequency • I 2 S audio data format, 16-24 bits • Single power supply 4V to 5.25V • Support non standard audio clocks like 25 MHz or 26 MHz

3**应用**

• OTT • STB • Digital TV • DVD player