BD37534FV-E2

Audio Processor Bass/Middle/Treble 0MHz to 0.4MHz
Automotive 28-Pin SSOP-B

Manufacturer:	ROHM Semiconductor
Package/Case:	SSOP28
Product Type:	Embedded Processors & Controllers
RoHS:	RoHS Compliant/Lead free
Lifecycle:	Active

Images are for reference only

Inquiry

General Description

This series supports common control software, increasing design and development efficiency. Tone quality can be adjusted by parametric equalizer using no external components. The built-in three-band equalizer sub woofer output allows for a space saving design.

Key Features

Reduce switching noise of input gain control, mute, main volume, fader volume, bass, middle, treble, loudness, by using advanced switch circuit [Possible to control all steps]

Built-in ground isolation amplifier inputs, ideal for external stereo input.

Built-in differential input selector that can make various combination of single-ended / differential input.

Built-in input gain controller reduce switching noise for volume of a portable audio input.

Decrease the number of external components by built-in 3-band equalizer filter, LPF for subwoofer, loudness filter, And, possible to control Q, Gv, fo of 3-band equalizer and fc of LPF, and fo, Gv of loudness by I²C BUS control freely.

It is possible for the bass, middle, treble to the gain adjustment quantity of ±20dB and 1 dB step gain adjustment.

It is equipped with output terminals of Subwoofer. Moreover, the stereo signal of the front and rear also can be output by the I²C BUS control.

Built-in mixing input and mixing attenuation.

Bi-CMOS process is suitable for the design of low current and low energy. And it provides more quality for small-scale regulator and heat in a set.

Package is SSOP-B28. Putting input-terminals together and output-terminals together can make PCB layout easier and can makes area of PCB smaller.

It is possible to control by 3.3V / 5V for I²C BUS.

Recommended For You

BD3401KS2

ROHM Semiconductor

QFP

BD37534FV

ROHM Semiconductor

SSOP28

BD3817KS

ROHM Semiconductor

2122

BD3816K1

ROHM Semiconductor

QFP

BD3841FS

ROHM Semiconductor

SSOP32

BD34301EKV-E2

ROHM Semiconductor

HTQFP64BV

BD3812F

ROHM Semiconductor

SOP14

BD3872FS

ROHM Semiconductor

SSOP32

BD3490FV

ROHM Semiconductor

SSOP28

BD28623MUV-E2

ROHM Semiconductor

QFN24

BD3811K1

ROHM Semiconductor

QFP

BD34701KS2

ROHM Semiconductor

QFP52

BD3818KS

ROHM Semiconductor

QFP-80

BD3814FV

ROHM Semiconductor

SOP

BD3491FS

ROHM Semiconductor

SOP