


SOUND PROCESSOR FOR CAR AUDIO

Manufacturer:	<u>ROHM Semiconductor</u>
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.

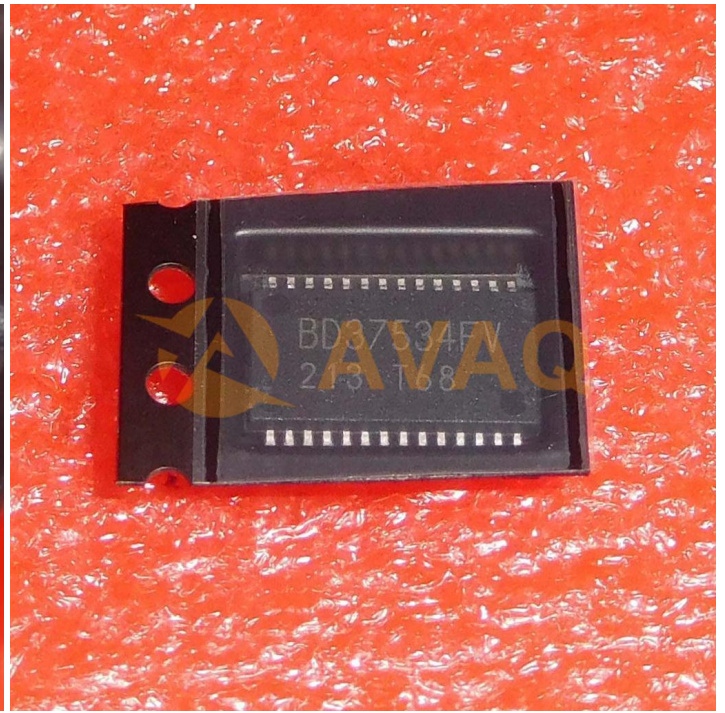
It is equipped with output terminals of Subwoofer. Moreover, the stereo signal of the front and rear also can be output by the I²C BUS control.

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

BD3817KS

ROHM Semiconductor

2122

BD3816K1

ROHM Semiconductor

QFP

BD37534FV-E2

ROHM Semiconductor

SSOP28

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