
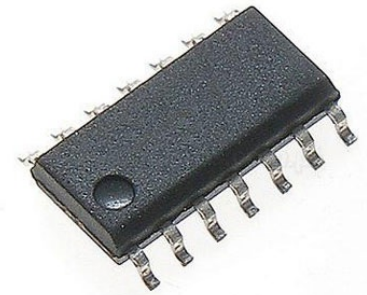


2CH VOLUME

Manufacturer:	ROHM Semiconductor
Package/Case:	SOP14
Product Type:	Embedded Processors & Controllers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

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General Description

ROHM's 2ch / 6ch electronic volume ICs feature a wide dynamic range (131dB / 133dB). In addition, two ICs can be paired up via serial bus control for 8ch operation.

Key Features

Residual noise : 1.2 μ Vrms {dynamic range : 131dB (IHF-A)}

2ch independent volume (0 to -103dB, MUTE 1dB/step)

8ch at maximum available in combination of any of BD3811K1, BD3813KS, BD3814FV, BD3815KS (6ch volume) in common bus line

It can be controlled until 4 chips with common bus line at the same time

Maximum output voltage : 4.2Vrms (Vcc=7, VEE=-7V, RL=10k Ω)

2-line serial control (for both 3.3V and 5V)

Built-in Output gain amplifier for adjustment of output signal voltage (0, 6 to 18dB, 2dB/step)

Output mute controllable by serial data and external control terminal

Recommended For You

BD3401KS2

ROHM Semiconductor

QFP

BD37534FV

ROHM Semiconductor

SSOP28

BD3817KS

ROHM Semiconductor

2122

BD3816K1

ROHM Semiconductor

QFP

BD37534FV-E2

ROHM Semiconductor

SSOP28

BD3841FS

ROHM Semiconductor

SSOP32

BD34301EKV-E2

ROHM Semiconductor

HTQFP64BV

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