


## Audio Sound Controller 32-Pin SSOP-A

<b>Manufacturer:</b>	<a href="#">ROHM Semiconductor</a>
<b>Package/Case:</b>	SOP
<b>Product Type:</b>	Embedded Processors & Controllers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

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### General Description

ROHM's sound processors integrate a five-input selector, electronic volume control, a three-band frequency equalizer, microphone input, and surround sound into a single chip and feature a wide dynamic range and a low distortion rate, making them ideally suited for use in portable stereo systems (BOOM BOX) and mini stereo systems.

### Key Features

High S/N, achieved by implementing 2-stage configuration of Front Volume and Rear Volume.

Provides surround and rear volume with Soft-switch to reduce a shock sound during switching functions(BD3883FS).

Volume and tone implemented with the resistance ladder circuit. (to achieve high performance with low noise and low distortion)

Uses the BiCOMS process that achieves low-consumption current, which contributes to an energy-saving design.

SSOP-A32 and SSOP-B40 are used for the packages. Input pins and output pins are organized and separately laid out to as to keep the signal flows in one direction which consequently, simplify pattern layout of the set board and decrease the board dimensions.

### Recommended For You

#### DA204UFHT106

ROHM Semiconductor

SOT-323

#### BSM300D12P3E005

ROHM Semiconductor

BGA

#### DTC114YEFRATL

ROHM Semiconductor

SOT-416

#### DTA114EUAFRAT106

ROHM Semiconductor

SOT323

#### 2SC4617FRATL

ROHM Semiconductor

SOT-523

#### BSMI80C12P3C202

ROHM Semiconductor

Ctype