

**Audio Amp Speaker 1-CH Mono/2-CH Stereo/4-CH Stereo 70W**  
**Class-AB 36-Pin PowerSO Tube**



Images are for reference only

<b>Manufacturer:</b>	<a href="#">STMicroelectronics, Inc</a>
<b>Package/Case:</b>	SSOP36
<b>Product Type:</b>	Power Management ICs
<b>Lifecycle:</b>	Obsolete

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## General Description

The STA518 is a monolithic quad half-bridge stage in multipower BCD technology. The device can be used also as dual bridge or reconfigured, by connecting the CONFIG pin to the Vddpin, as a single bridge with double current capacity. The device is particularly designed to make the output stage of a stereo all-digital high-efficiency (DDX™) amplifier capable of delivering an output power of 24 W x 4 channels @ = 10% at VCC29 V as output power into an 8 Ω load in BTL configuration and 70 W @ voltage.

## Key Features

- Minimum input output pulse width distortion
- CMOS-compatible logic inputs
- Thermal protection
- Thermal warning output
- Under-voltage protection
- Short-circuit protection



## Recommended For You

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### ACS120-7ST

STMicroelectronics, Inc

TO-220

### ACST410-8BTR

STMicroelectronics, Inc

TO-252

### STA309A

STMicroelectronics, Inc

QFP64

### ACST310-8BTR

STMicroelectronics, Inc

TO-252-3(DPAK)

### E-STLC5046

STMicroelectronics, Inc

BGA

### STA8089FGATR

STMicroelectronics, Inc

VFQFPN-56

### STLC61255

STMicroelectronics, Inc

BGA

### ACS108-6SA

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TO-92-3(StraightLead

### T410-600B-TR

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### T410-600T

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### ACS302-5T3

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SO-20

### BIB16-800CWRG

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### BTA16-800BWRG

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### BIB24-800BRG

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### TN1215-800G-TR

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TO-263