

**LA6537**

4-channel Bridge Driver for CD and CD-ROMs

Overview

The LA6537 is a 4-channel bridge (BTL) driver which was developed for compact discs and CD-ROMs.

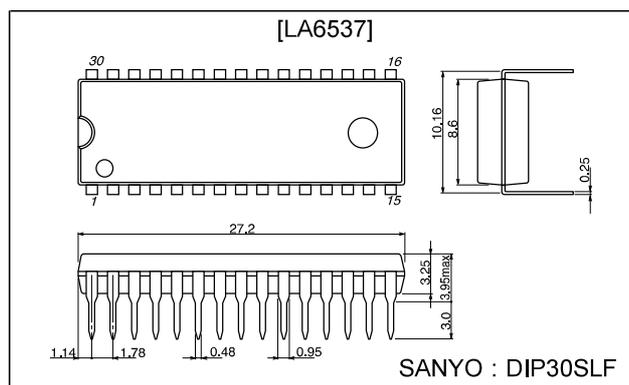
Features and Functions

- 4-channel bridge (BTL) power amplifier.
- I_O max 700 mA.
- With mute circuit (Amp 3, Amp 4).

Package Dimensions

unit : mm

3196-DIP30SLF



Specifications

Maximum Ratings at $T_a = 25^\circ\text{C}$

Parameter	Symbol	Conditions	Ratings	Unit
Maximum supply voltage	V_{CC} max		14	V
Allowable power dissipation	P_d max	* Mounted on PCB shown below	2.5	W
Maximum input voltage	V_{INB}		13	V
Mute pin voltage	V_{MUTE}		13	V
Operating temperature	T_{opr}		-20 to +75	$^\circ\text{C}$
Storage temperature	T_{stg}		-55 to +150	$^\circ\text{C}$

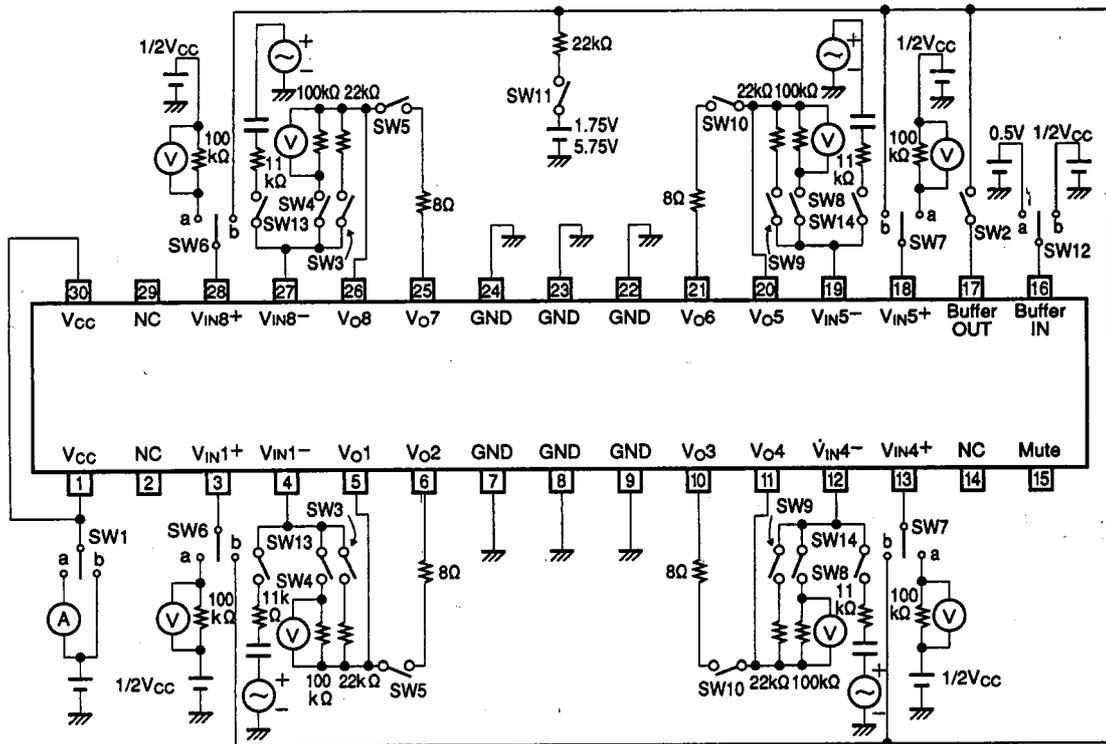
* PCB (114.3 × 76.2 × 1.5 mm glass epoxy resin)

Recommended Operating Conditions at $T_a = 25^\circ\text{C}$

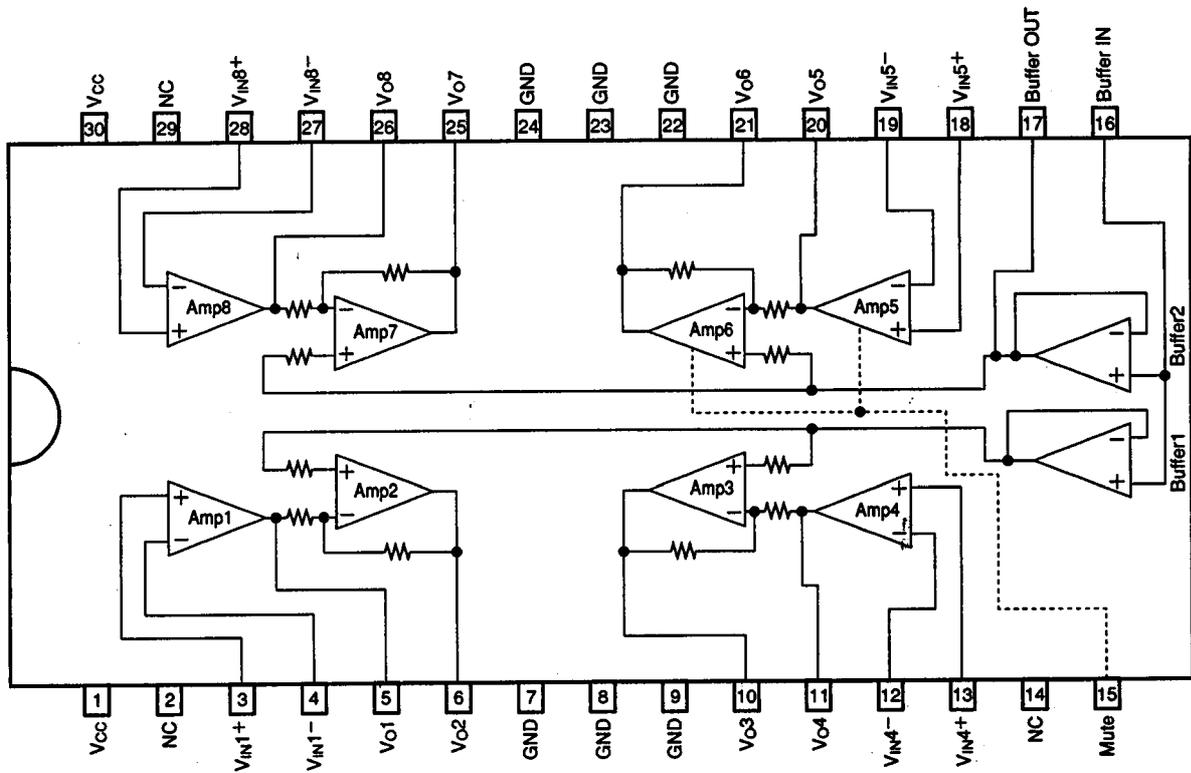
Parameter	Symbol	Conditions	Ratings	Unit
Supply voltage	V_{CC}		4 to 13	V

LA6537

Test Circuit



Pin Assignment



Do not use the NC pin.

Top view