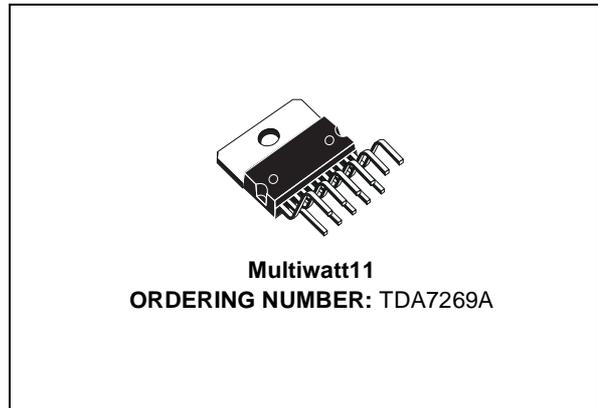




14W+14W STEREO AMPLIFIER WITH MUTE & ST-BY

- WIDE SUPPLY VOLTAGE RANGE UP TO +20V
- SPLIT SUPPLY
- HIGH OUTPUT POWER 14+14W @THD = 10%, $R_L = 8\Omega$, $V_S = \pm 16V$
- NO POP AT TURN-ON/OFF
- MUTE (POP FREE)
- STANDBY FEATURE (LOW I_q)
- SHORT CIRCUIT PROTECTION TO GND
- THERMAL OVERLOAD PROTECTION

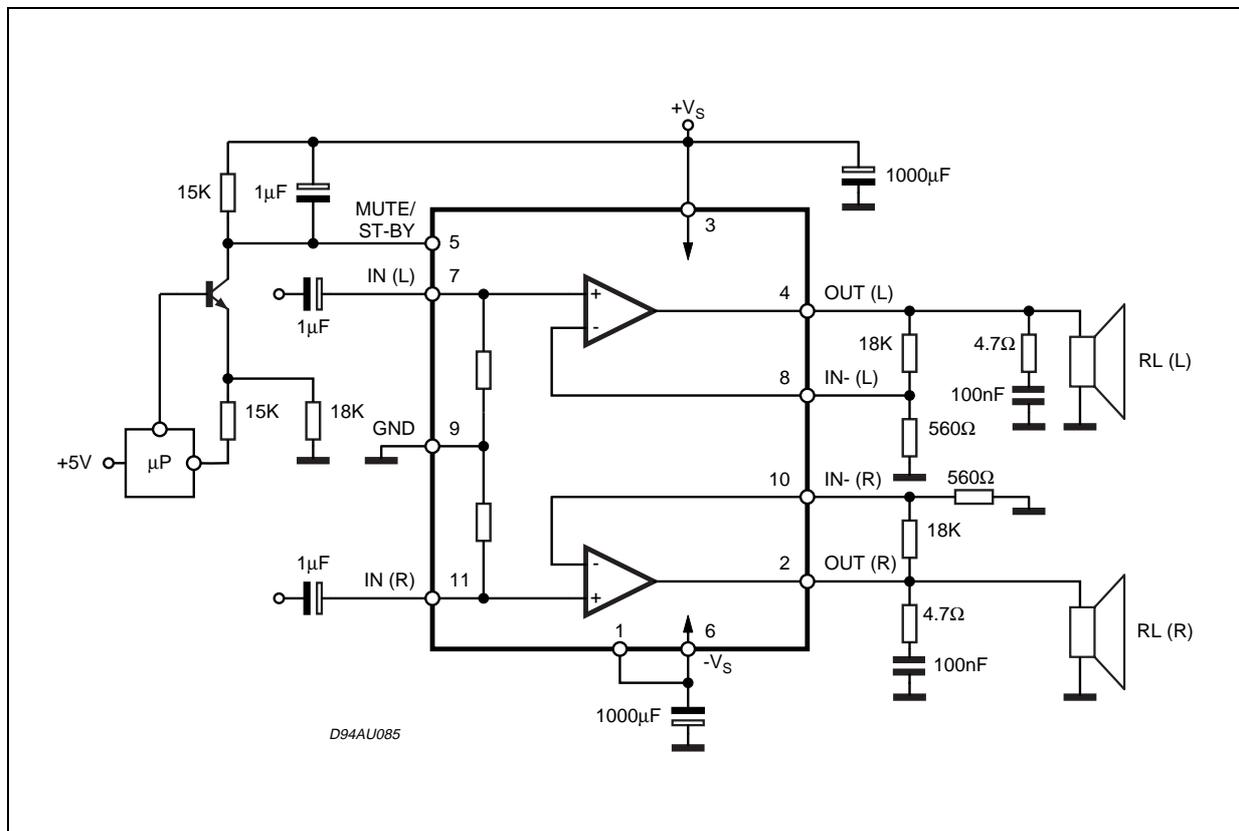


DESCRIPTION

The TDA7269A is class AB Dual Audio Power amplifier assembled in the Multiwatt package, specially de-

signed for high quality sound application as Hi-Fi music centers and stereo TV sets.

Figure 1. Typical Application Circuit

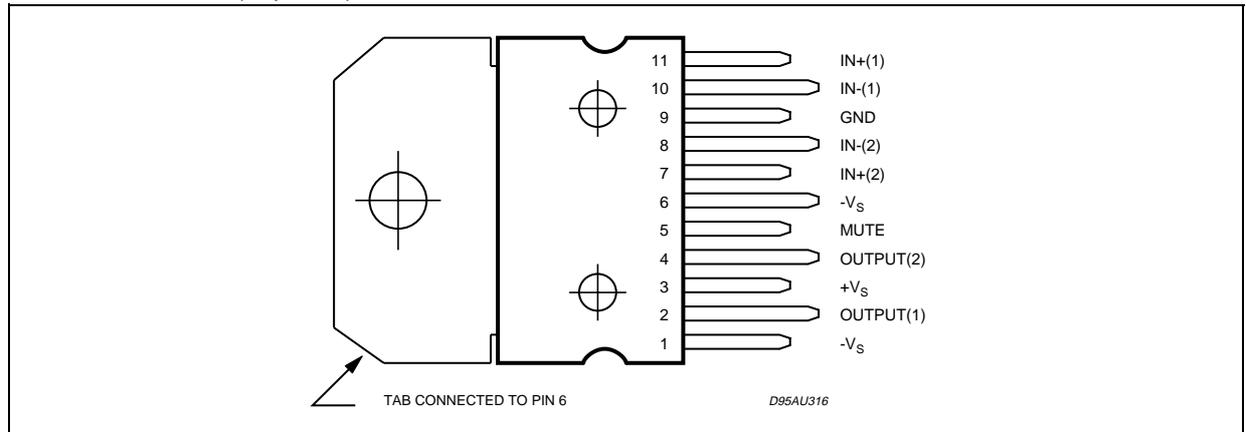


TDA7269A

ABSOLUTE MAXIMUM RATINGS

| Symbol | Parameter | Value | Unit |
|----------------|--|------------|------------------|
| V_S | DC Supply Voltage | ± 22 | V |
| I_O | Output Power Current (internally limited) | 3 | A |
| P_{tot} | Total Power Dissipation ($T_{amb} = 70^\circ\text{C}$) | 40 | W |
| T_{op} | Operating Temperature | 0 to 70 | $^\circ\text{C}$ |
| T_{stg}, T_j | Storage and Junction Temperature | -40 to 150 | $^\circ\text{C}$ |

PIN CONNECTION (Top view)



THERMAL DATA

| Symbol | Parameter | Value | Unit |
|------------------|----------------------------------|----------|--------------------|
| $R_{th\ j-case}$ | Thermal Resistance Junction-case | Max. 2.8 | $^\circ\text{C/W}$ |

Figure 2. Single Supply Application

