

Document	
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RF Communications	

TDA7052A

1-Watt low voltage audio power amp
with DC volume control

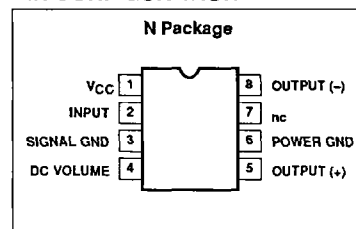
DESCRIPTION

The TDA7052A is a 1W audio amplifier designed for a broad range of applications, such as portable and industrial equipment. This amplifier uses the Bridge-Tied-Load (BTL) principle to achieve an output power of 1.2W (THD = 10%) into an 8Ω load at a supply voltage of 6V. The DC volume control can be used as a mute function.

FEATURES

- Requires no external components
- 80dB (typ) DC volume control range
- Mute mode
- Wide supply voltage range (3V–18V)
- Low power consumption
- 8-pin power Dual-In-Line (DIL) package

PIN CONFIGURATION



ORDERING INFORMATION

DESCRIPTION	TEMPERATURE RANGE	ORDER CODE
8-Pin Plastic DIL	0 to 70°C	TDA7052AN

BLOCK DIAGRAM

