

Monolithic Integrated Circuit

Application: Audio-Amplifier for portable radios, cassette recorders and general purposes.

Features:

- Large supply voltage range
 $V_S = 3...16\text{ V}$
- Low cross-over distortion
- Low harmonic distortion
- Audio output power $P_o = 1.5\text{ W}$
- Connection possibility for an external capacitor to suppress hum voltage
- Minimum number of external components

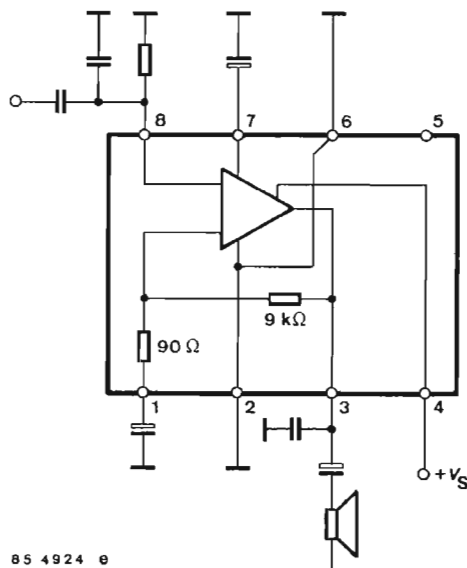


Fig. 1 Block diagram and pin connections

Absolute maximum ratings

Reference point Pin 2, Pin 6

Supply voltage	Pin 4	V_S	16	V
Peak output current	Pin 3	I_{OM}	850	mA
Power dissipation $T_{amb} = 50^\circ\text{C}$		P_{tot}	1	W
Junction temperature		T_j	150	$^\circ\text{C}$
Storage temperature range		T_{stg}	-25...+150	$^\circ\text{C}$

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