

POWER AUDIO AMPLIFIERS

Part Numbers	Description	Package	Pout @ Vcc=5V THD+N=1%	Shutdown current (typ.) nA	Icc @ 5V	PSRR @ 5V dB	Output Type	Supply Voltage V
TS4871	Audio power amplifier with active high standby mode	SO8/miniSO8	1 W into 8 Ω	10	6	75	BTL -Mono	2.5 to 5.5
TS4872	Audio power amplifier with active high standby mode	Flip Chip 8 bumps	1 W into 8 Ω	10	6	75	BTL -Mono	2.2 to 5.5
TS4890	Audio power amplifier with active low standby mode	SO8/miniSO8	1 W into 8 Ω	10	6	77	BTL -Mono	2.2 to 5.5
TS4900	Audio power amplifier with active high standby mode	SO8/miniSO8	0.7 W into 8 Ω	10	6	75	BTL -Mono	2.5 to 5.5
TS4902	Audio power amplifier with active low standby mode	SO8/miniSO8	0.7 W into 8 Ω	10	6	77	BTL -Mono	2.2 to 5.5
TS4972	Audio power amplifier with active high standby mode	Flip Chip 8 bumps	1.2 W into 8 Ω	10	6	75	BTL -Mono	2.5 to 5.5
TS4973	Two inputs with gain control and standby mode active low	Flip Chip 9 bumps	1.2 W into 8 Ω	10	6	53*	BTL -Mono	2.8 to 5.5
TS4990	Audio power amplifier with active low standby mode	Flip Chip 9 bumps	1 W into 8 Ω	10	6	62*	BTL -Mono	2.2 to 5.5
TS419	Mono audio amplifier with active high standby mode	SO8 / MiniSO8 / QFN8	295mW into 16Ω (367mW with THD+N=10%)	10	1.8	56*	BTL -Mono	2.0 to 5.5
TS421	Mono audio amplifier with active low standby mode	SO8 / MiniSO8 / QFN8	295mW into 16Ω (367mW with THD+N=10%)	10	1.8	56*	BTL -Mono	2.0 to 5.5
TS4851	Loudspeaker & headset BTL driver with digital volume control	Flip Chip 18 bumps	1 W into 8 Ω BTL 160 mW into 32 Ω BTL	100	7.5	70	BTL -Mono BTL - Stereo	3.0 to 5.5
TS4855	Loudspeaker & headset BTL driver with digital volume control	Flip Chip 18 bumps	1 W into 8 Ω BTL 100 mW into 32 Ω BTL	100	8	61-Mono 55- Stereo	BTL -Mono BTL - Stereo	3.0 to 5.5
TS482	Stereo 100mW headphone driver	SO8/miniSO8	100 mW into 16Ω, THD+N=0.1%	N/A	5.5	85	Single Ended- Stereo	2 to 5.5
TS487	Stereo 100mW headphone driver with standby active high	SO8 / MiniSO8 / QFN8	102mW into 16Ω, THD+N=0.1%	10	1.8	58*	Single Ended- Stereo	2.0 to 5.5
TS486	Stereo 100mW headphone driver with standby active low	SO8 / MiniSO8 / QFN8	102mW into 16Ω, THD+N=0.1%	10	1.8	58*	Single Ended- Stereo	2.0 to 5.5

* = Input Grounded

Temperature Range : -40° to +85°C