

Part number : PAL007E

Functions : Car Audio Power Amplifier

Package : Flexiwatt25 ( Vertical )

Manufacturer : Pioneer Electronics

#### Description

The PAL007E is a breakthrough MOSFET technology class AB audio power amplifier in Flexiwatt 25 package designed for high power car radio. The fully complementary P-Channel/NChannel output structure allows a rail to rail Output voltage swing which, combined with high output current and minimized saturation losses sets new power references in the car-radio field, unparalleled distortion performances.

#### Features

1. MOSFET output power stage
2. Excellent 2 Ohm driving capability
3. Hi-Fi class distortion
4. Low output noise
5. ST-BY function
6. Mute function
7. Automute at min. supply voltage detection

#### Pinout

### PAL007E

IC301 PAL007E	
1	TAB
2	P-GND2
3	RL-
4	STBY
5	RL+
6	VCC
7	FL-
8	P-GND1
9	FL+
10	SVR
11	FLIn
12	RLIn
13	AGND
14	RRIn
15	FRIn
16	AC-GND
17	FR+
18	P-GND3
19	FR-
20	VCC
21	RR+
22	MUTE
23	RR-
24	P-GND4
25	B.REM