



**TBA 790T**  
**β 790AT**  
**β 790T**  
**AF AMPLIFIERS**

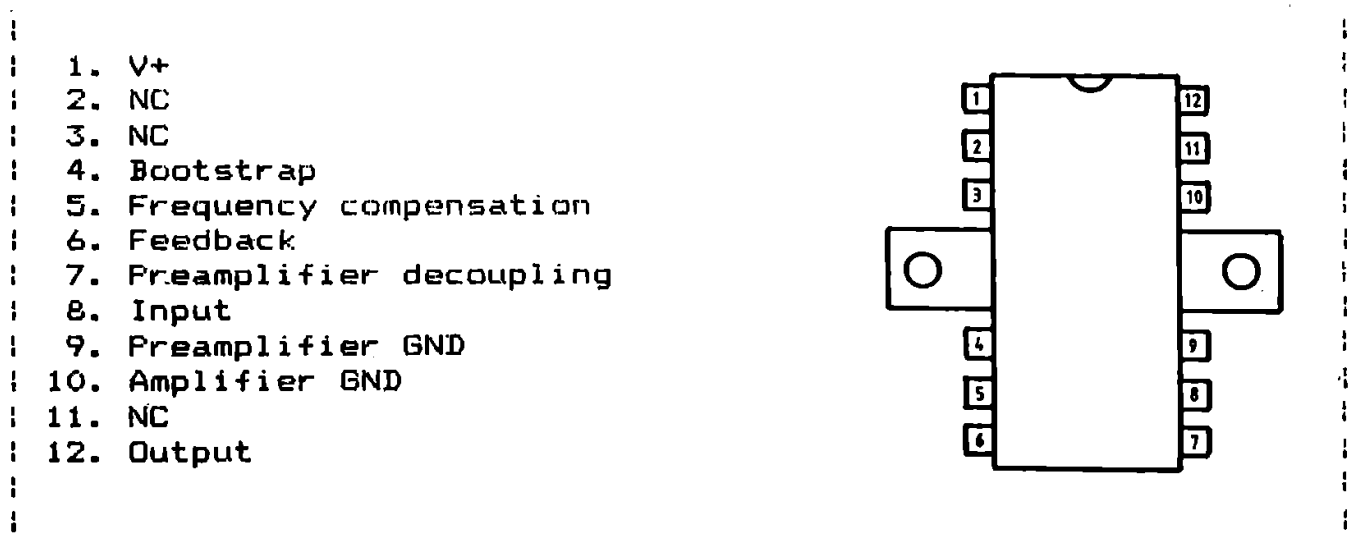
The TBA 790T is an AF power amplifier intended for use in radio receivers, car-radios, TV sets, tape recorders and in many other industrial applications up to 2.5 W output power.

Due to a suitable configuration of internal circuit, the following advantages can be provided :

- open-loop gain is high enough to allow a great amount of feedback ( low distortions ) and keep a sufficient closed loop gain ( high sensitivity ) ;
- the differential preamplifier, fed from a controlled constant-current source, provides good immunity against power-supply ripple .

**Features**

- Operating temperature .....	-25 ...	+70 °C
- Storage temperature .....	-25 ...	+125 °C
- Supply voltage .....	6 ...	14 V
- Input voltage .....	-0.5 ...	9 V
- Repetitive peak output current .....	max.	1.5 A
- Voltage gain .....	43 ...	49 dB
- Minimum output power (THD=10%)		
- TBA 790T .....	min.	2.5 W
- β 790AT .....	min.	1.7 W
- β 790T .....	min.	1.3 W



( TABS must be grounded )

PACKAGE CB-155 / TOP VIEW