



Vertical Deflection Booster For Slim CRTs

DATA BRIEF

FEATURES

- Power Amplifier
- Thermal Protection
- Output Current up to $3.6A_{pp}$
- Flyback Voltage up to 100V (on Pin 5)
- Suitable for DC Coupling Application
- External Flyback Supply

DESCRIPTION

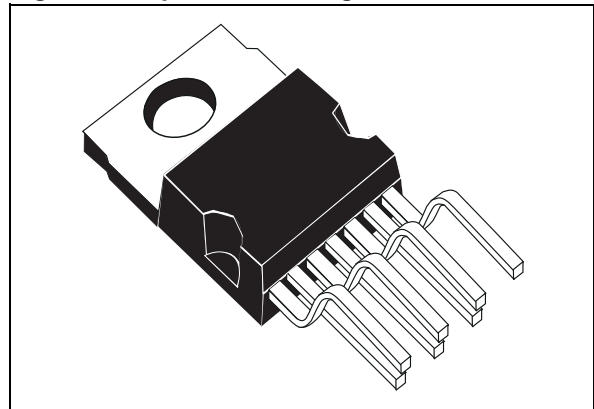
Designed for monitors and high performance TVs, the STV8179F vertical deflection booster can handle flyback voltages of up to 100V. In addition, it is possible to have a flyback voltage which is more than double that of the supply (Pin 2). This allows decreasing power consumption or decreasing the flyback time for a given supply voltage.

The STV8179F operates with supplies of up to 42V and outputs up to $3.6A_{pp}$ to drive the yoke.

The STV8179F is offered in a HEPTAWATT package.

PACKAGE

Figure 1. Heptawatt Package

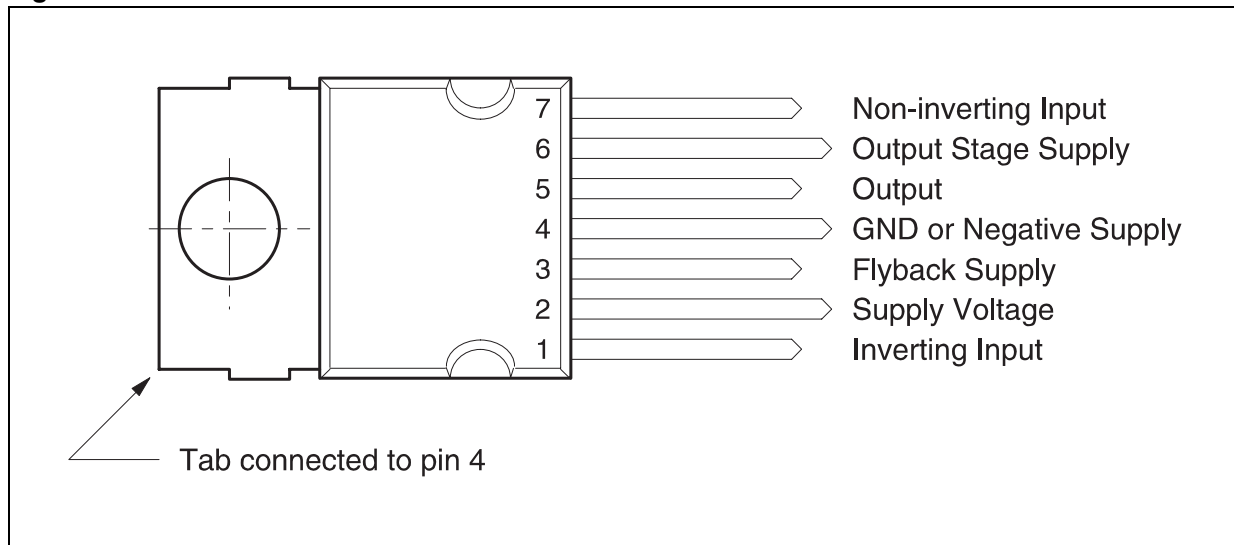


PART NUMBERING

Table 1. Order Codes

Part Number	Description
STV8179F	Vertical booster in heptawatt plastic package

Figure 2. Pin Connections



REVISION HISTORY**Table 2. Revision History**

Date	Revision	Description of Changes
1 March 2005	1	First Issue
3 March 2005	2	Same content. Format reviewed according to corporate standards.

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