

DATA SHEET

TDA6108JF

Triple video output amplifier

Product specification
Supersedes data of 1998 Jun 22
File under Integrated Circuits, IC02

1999 Oct 29

Triple video output amplifier

TDA6108JF

FEATURES

- Typical bandwidth of 9.0 MHz for an output signal of 60 V (p-p)
- High slew rate of 1850 V/ μ s
- No external components required
- Very simple application
- Single supply voltage of 200 V
- Internal reference voltage of 2.5 V
- Fixed gain of 51

- Black-Current Stabilization (BCS) circuit
- Thermal protection.

GENERAL DESCRIPTION

The TDA6108JF includes three video output amplifiers in one plastic DIL-bent-SIL 9-pin medium power (DBS9MPF) package (SOT111-1), using high-voltage DMOS technology, and is intended to drive the three cathodes of a colour CRT directly. To obtain maximum performance, the amplifier should be used with black-current control.

ORDERING INFORMATION

| TYPE NUMBER | PACKAGE | | |
|-------------|---------|---|----------|
| | NAME | DESCRIPTION | VERSION |
| TDA6108JF | DBS9MPF | plastic DIL-bent-SIL medium power package with fin; 9 leads | SOT111-1 |

BLOCK DIAGRAM

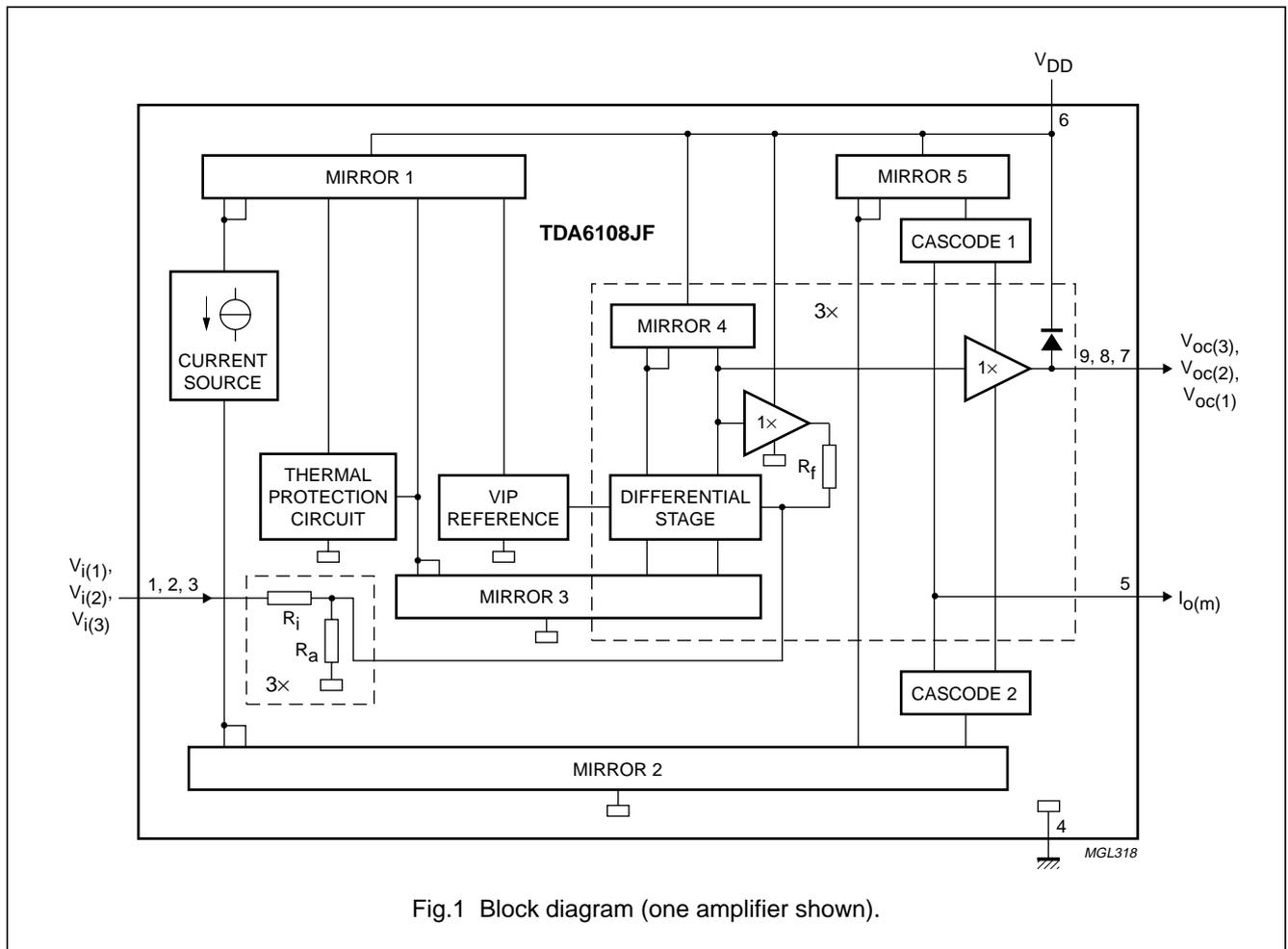


Fig.1 Block diagram (one amplifier shown).