

Features

- Drives up to 250mA from a +12V supply
- 20V_{P-P} differential output drive into 100Ω
- -85dBc typical driver output distortion at full output at 150kHz
- Low quiescent current of 7.5mA per amplifier

Applications

- ADSL G.lite CO line driving
- ADSL full rate CPE line driving
- G.SHDSL, HDSL2 line driver
- Video distribution amplifier
- Video twisted-pair line driver

Ordering Information

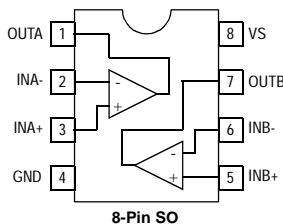
Part No	Package	Tape & Reel	Outline #
EL1519CS	8-Pin SO		MDP0027

General Description

The EL1519C is a dual operational amplifier designed for customer premise line driving in DMT ADSL solutions. This device features a high drive capability of 250mA while consuming only 7.1mA of supply current per amplifier and operating from a single 5V to 12V supply. This driver achieves a typical distortion of less than -85dBc, at 150kHz into a 25Ω load. The EL1519C is available in the industry standard 8-pin SO. This device is optimized to use low feedback resistor values to minimize noise in ADSL systems.

The EL1519C is ideal for ADSL, SDSL, HDSL2 and VDSL line driving applications.

Connection Diagram



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EL1519C - Product Brief

Medium Power Differential Line Driver

General Disclaimer

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