

DataLinear
Sipex Corporation

SP-2542

Wideband, High Slew Rate, High Output Current Operational Amplifiers

PRELIMINARY

Features

- 120 MHz Gain Bandwidth
- 100 mA Output Current
- 375 V/ μ S Slew Rate
- Stable at Gains of 2 or Greater
- 100 nS Settling Time

Applications

- Video Amplifiers
- Pulse Amplifiers
- Coaxial Cable Drivers
- High Frequency Signal Conditioning Circuits

Description

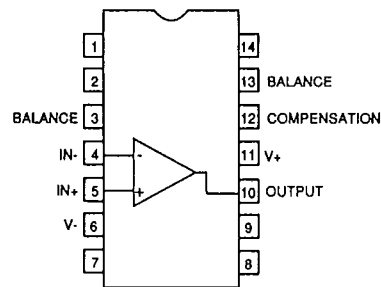
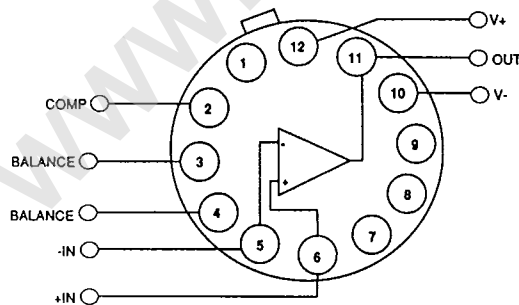
The SP-2542 is a wideband, high slew rate operational amplifier that features outstanding output drive capability. The combination of 100mA output current, 120 MHz gain bandwidth and 375 V/ μ S slew rate is further enhanced through stable operation down to closed loop gains of 2.

The SP-2542 is available as a full military temperature range version or as a lower cost version specified over the commercial temperature range.

These devices are available in metal can, ceramic DIP packages, or in die form.

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Connection Diagrams



For Applications Assistance Call DataLinear (408) 945-9080

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