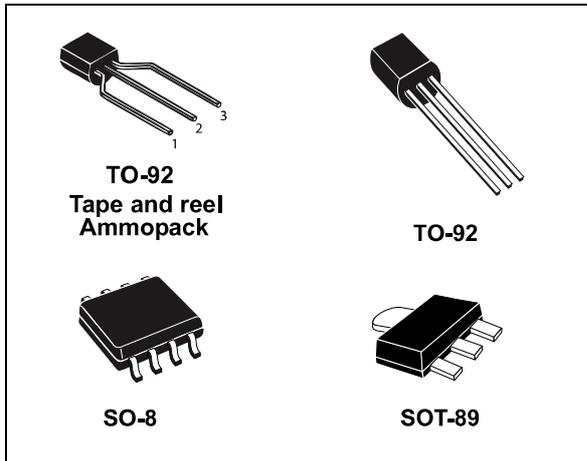


Negative voltage regulators

Datasheet - production data



Description

The L79L series of three-terminal negative regulators employ internal current limiting and thermal shutdown, making them essentially indestructible. If adequate heat-sink is provided, they can deliver up to 100 mA output current. They are intended as fixed voltage regulators in a wide range of applications including local or on-card regulation for elimination of noise and distribution problems associated with single-point regulation. In addition, they can be used with power pass elements to make high-current voltage regulators. The L79L series used as Zener diode/resistor combination replacement, offers an effective output impedance improvement of typically two orders of magnitude, along with lower quiescent current and lower noise.

Features

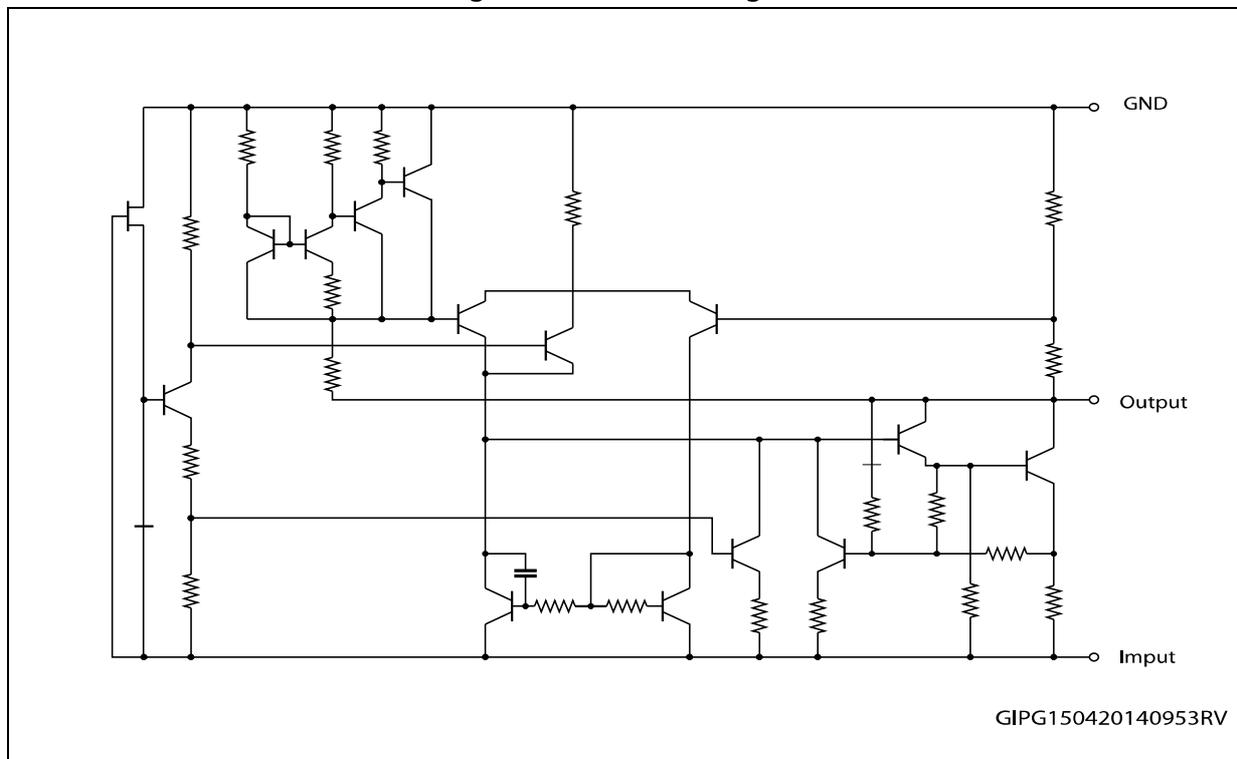
- Output current up to 100 mA
- Output voltages of -5; -8; -12; -15 V
- Thermal overload protection
- Short-circuit protection
- No external components are required
- Available in $\pm 5\%$ (AC) or $\pm 10\%$ (C) selection

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1 Diagram

Figure 1. Schematic diagram



2 Pin configuration

Figure 2. Pin connection (top view, bottom view for TO-92)

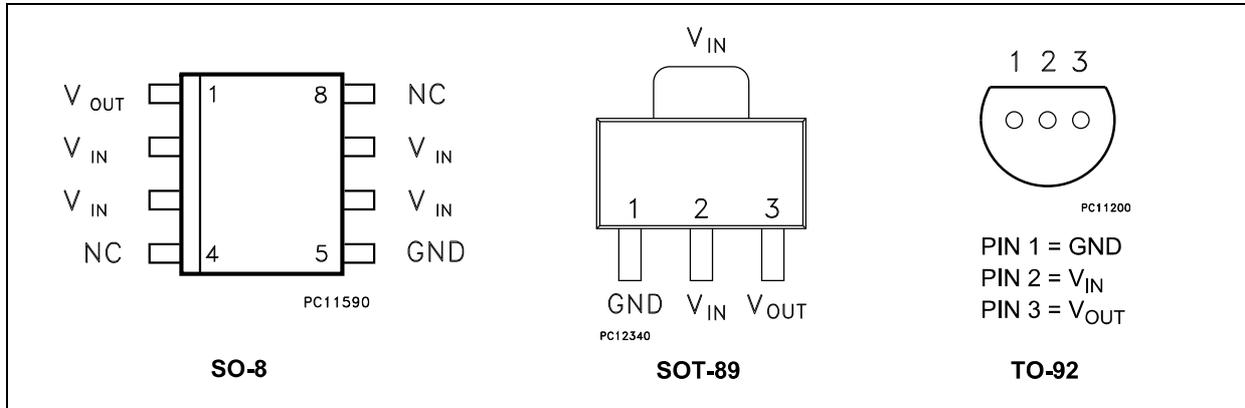


Figure 3. Test circuit

