



LinearDimensions
SEMICONDUCTOR

LND-7900

NEGATIVE VOLTAGE LOW DROPOUT REGULATORS

LND-7900

Negative Voltage Low Dropout Regulators

What is the LND-7900?

The LND-7900 is Linear Dimensions' version of the popular LND-7900 series negative voltage low dropout regulator family. These devices offer voltage regulation at extremely low cost. The devices are particularly useful in applications such as wall adaptors, toys, or wall plugged devices which aren't power critical but which require power regulation. These devices are available in a variety of voltage varieties including: -6, -8, -9, -12, -15, -18, -24V.

How does it work?

To use the device simply connect the power and GND pins, the centre pin will represent the regulated output voltage.

How Do I get samples?

The LND-7900 are available in standard TO-92 plastic packages in both sample and volume. When ordering, replace the 00 with the appropriate voltage level, eg. LND-7906 would result in a 6V, TO-92, plastic package part.

Features

- Up to 1.5A Output Current
- No external compensation
- Ripple Rejection to Junction Temperature Limit
- Voltages Including: -6, -8, -9, -12, -15, -18, and -24V.

Applications

- Wall Power Adaptors
- Electronic Toys
- Electronic Power Supply Output Regulators
- Industrial Controllers

Block Diagram:

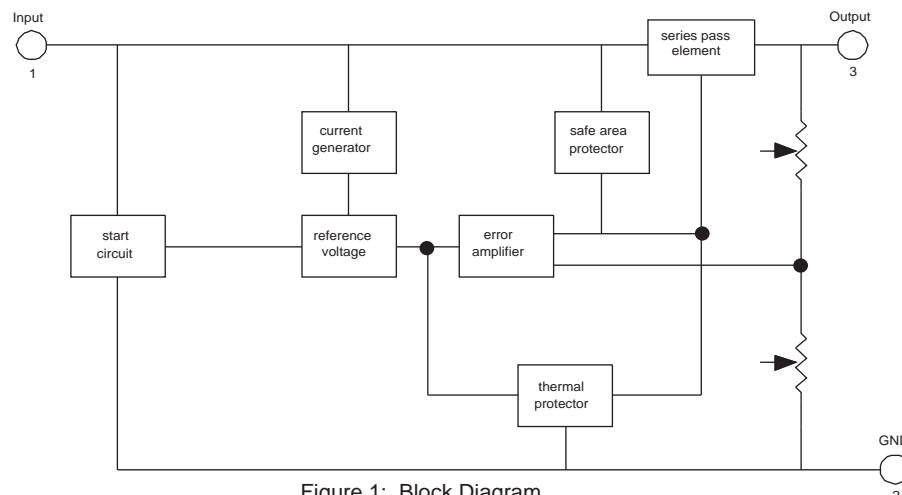


Figure 1: Block Diagram