

# LM1558/LM1458 dual operational amplifiers

## general description

The LM1558/LM1458 are general purpose dual operational amplifiers. The two amplifiers share a common bias network and power supply leads. Otherwise their operation is completely independent.

Features of the LM1558/LM1458 include off-set nulling, short circuit protection, internal frequency compensation, wide common mode and differential mode range. Power drain is reduced by sharing bias resistors. Additional features include:

- No frequency compensation required
- Short-circuit protection

- Wide common-mode and differential voltage ranges
- Low-power consumption
- No latch-up
- 8-lead TO-5 and 8-lead mini DIP

The LM1458 is identical to the LM1558 except that the LM1458 has its specifications guaranteed over the temperature range from 0°C to 70°C instead of -55°C to +125°C.

## connection diagrams

