

## LM18298 Dual Full-Bridge Driver

### General Description

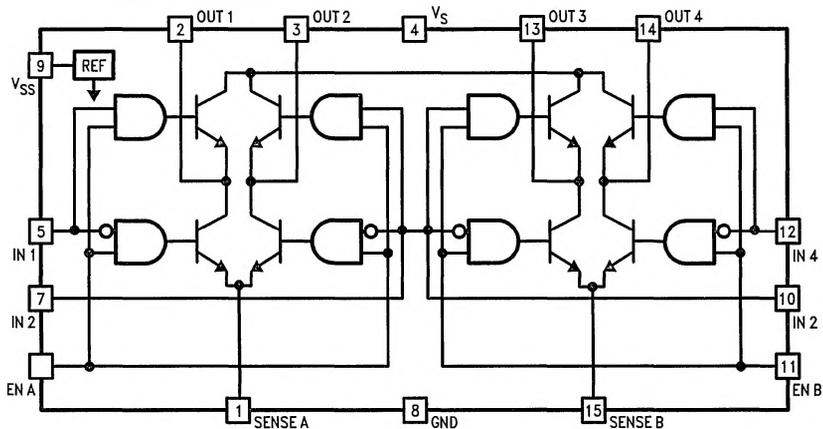
The LM18298 is a high voltage, high current dual full-bridge driver designed to accept standard TTL logic levels and drive inductive loads such as relays, solenoids, DC and stepping motors. Two inhibit inputs are provided to disable the device independently of the input signals.

The emitters of the lower transistors of each bridge are connected together and the corresponding external terminal can be used for the connection of an external sensing resistor. An additional supply input is provided so that the logic works at lower voltage.

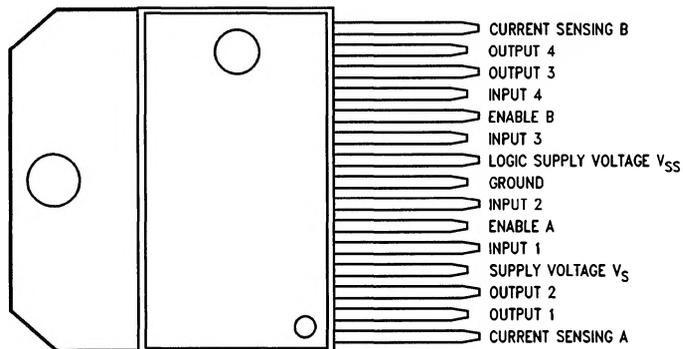
### Features

- Power supply voltage up to 46V
- Total DC current up to 4A
- Low saturation voltage
- Over-temperature protection
- Logical "0" input voltage up to 1.5V (High noise immunity)

### Block & Connection Diagrams



TL/H/9302-1



TL/H/9302-2