Anloy Technologies

Dual Power MOSFET Driver

ATICL7667

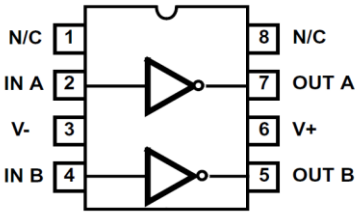
Die Manufacturers Available

» Intersil

Product Features

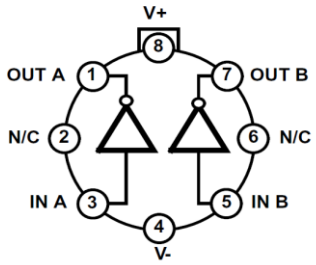
» Operating Temperature range of +125°C to -55°C
» Fast Rise and Fall Times
- 30ns with 1000pF Load
» Wide 15V Supply Voltage Range
- V+ = +4.5V to +15V
- V- = -15V to Ground (0V)
» Low Power Consumption
- 4mW with Inputs Low
- 20mW with Inputs High
» TTL/CMOS Input Compatible Power Driver
- ROUT = 7Ω Typ
» Direct Interface with Common PWM Control ICs
» Pin Equivalent to DS0026/DS0056; TSC426

Device Pin Outs



Ceramic Dip
- MJA Suffix

TOP VIEW



TO-99
- MTV Suffix

General Description

The ATICL7667 is a dual monolithic high-speed driver designed to convert TTL level signals into high current outputs at voltages up to 15V. Its high speed and current output enable it to drive large capacitive loads with high slew rates and low propagation delays. With an output voltage swing only millivolts less than the supply voltage and a maximum supply voltage of 15V, the ATICL7667 is well suited for driving power MOSFETs in high frequency switched-mode power converters. The ATICL7667's high current outputs minimize power losses in the power MOSFETs by rapidly charging floand discharging the gate capacitance. The ATICL7667's inputs are TTL compatible and can be directly driven by common pulse-width modulation control ICs. For further electrical specifications please contact Anloy Technologies or reference the original die manufacturers datasheet.

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