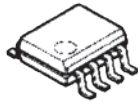


DUAL HALF BRIDGE DRIVER (WIDE INPUT RANGE PRODUCTS) – NJW4810A



NJW4810AGM1

FEATURES

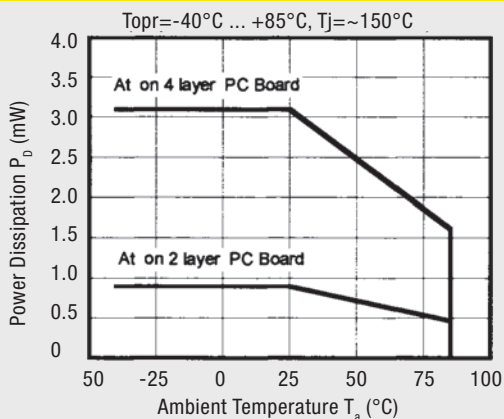
- » Output Switch Current (± 1 A)
- » Operating Voltage (8.0V to 40V)
- » Thermal Shut Down
- » Over Current Protection
- » Under Voltage Lockouts
- » Fault Indicator Output
- » High Heat Radiation Package
- » Package Outline (HSOP8)

The **NJW4810A** is a general-purpose dual half bridge driver capable of supplying 1 A current. Output duty=100 % can be operated by high side P channel MOSFET. It can use as a full bridge driver by connecting VDD1 and VDD2. The internal gate driver drives high-side/low-side power MOSFET; therefore, it is able to fast switching. Additionally, it has protection features such as over current protection and thermal shutdown. And in the case of failure, it can output a fault flag. It is suitable for power switching applications of DSP/micro controller.

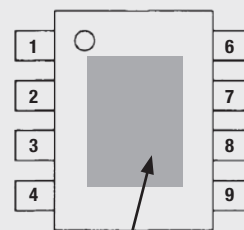
APPLICATIONS

- » 2ch Synchronous PWM step down switching regulators
- » Full bridge motor drivers
- » Latch type solenoid drivers

DISSIPATION POWER VS. AMBIENT TEMPERATURE



PIN CONFIGURATION



1. IN2
2. IN1
3. VDD1
4. OUT1
5. GND
6. OUT2
7. VDD2
8. FLT

BLOCK DIAGRAM

