NJW4801

35V / 300mA Half Bridge Driver

BCD Process Series

U.D.

■ GENERAL DESCRIPTION

The NJW4801 is a general purpose, half bridge power driver capable of supplying 300mA current.
The internal gate driver drives high / low side power MOSFET, therefore, it has 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.

■ FEATURE

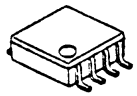
- Output Switch Current ± 300m A
- Operating Voltage 8.0V to 35V
- Switching Frequency 700kHz
- Thermal Shut Down Circuit
- Over Current Protection
- Under Voltage Lockout
- Fault Indicator Output
- Package VSP-8

IN1	IN2	OUT1	OUT2
Low	Low	Low	Low
Low	High	Low	High
High	Low	High	Low
High	High	High	High

IN1, IN2 and OUT1,OUT2 for Short mode

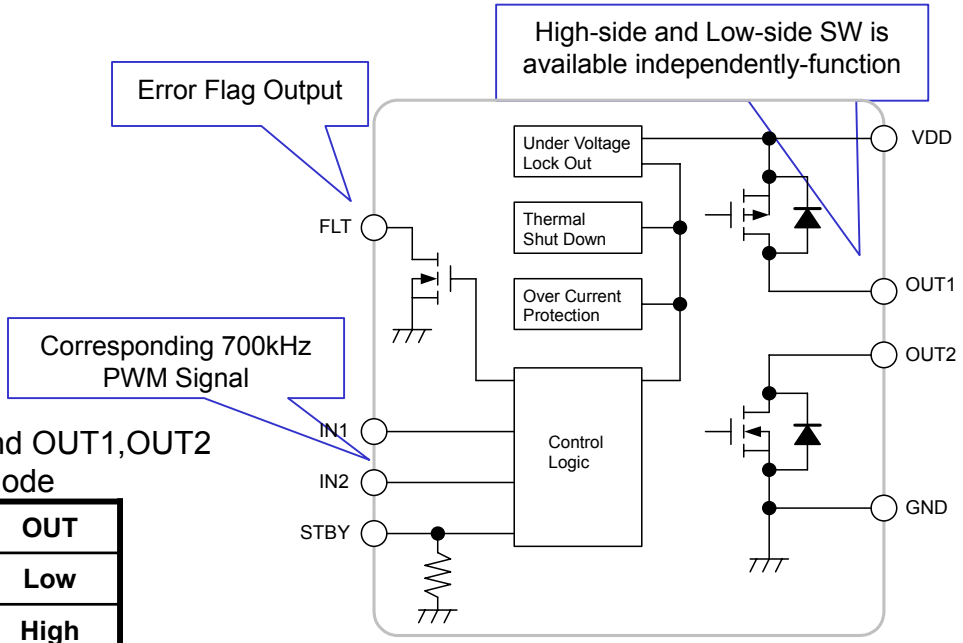
IN	OUT
Low	Low
High	High

■ PACKAGE OUTLINE



NJW4801R

■ BLOCK DIAGRAM



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