



40V $I_o=500mA$ Low dropout Regulator

NJW4185 NJW4186

■ GENERAL DESCRIPTION

The NJW4185/86 is a 500mA output low dropout voltage regulator.

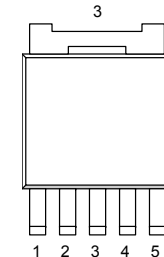
Advanced BCD technology achieves low consumption, high output current and high supply voltage.

NJW4185 is output voltage fixed type. NJW4186 is output voltage adjustable type. And it is available to low ESR capacitor. The NJW4185/86 is suitable for various applications.

■ FEATURES

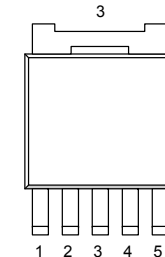
- Operating Voltage Range 35V max.
- Quiescent Current 55 μA typ.
- Output Current $I_o(\text{min.})=500mA$
- NJW4185: fixed voltage type
Voltage Accuracy: $V_o \pm 2.0\%$
- NJW4186: adjustable voltage type
Reference Voltage Accuracy: $V_{ref}=1.29V \pm 2.0\%$
- Built-in Thermal Shutdown
- Over Current Protection
- Package TO-252-5

■ PACKAGE OUTLINE



NJW4185DL3
TO252-5

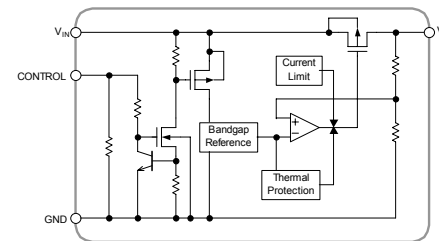
1. VIN
2. CONTROL
3. GND
4. N.C.
5. VOUT



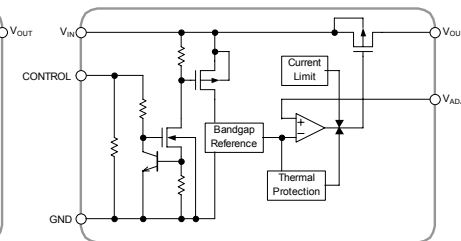
NJW4186DL3
TO252-5

1. VIN
2. CONTROL
3. GND
4. VADJ
5. VOUT

■ BLOCK DIAGRAM



NJW4185



NJW4186

■ Recommended Application

For Car Accessory, A/V, OA Equip and so on

Please note that this device is still under the development and therefore the specifications are subject to change.