

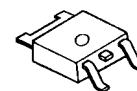
LOW DROPOUT VOLTAGE REGULATOR

■ GENERAL DESCRIPTION

The NJM2885 is low dropout voltage regulator designed for portable application.

Advanced Bipolar technology achieves low noise, high ripple rejection and low quiescent current.

■ PACKAGE OUTLINE

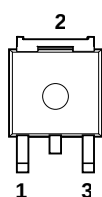


NJM2885DL1

■ FEATURES

- High Ripple Rejection 75dB typ. ($f=1\text{kHz}$, $V_o=3\text{V}$ Version)
- Output Noise Voltage $V_{no}=45\mu\text{V}_{rms}$ typ.
- Output capacitor with $2.2\mu\text{F}$ ceramic capacitor ($V_o\geq 2.7\text{V}$)
- Output Current $I_o(\text{max.})=500\text{mA}$
- High Precision Output $V_o\pm 1.0\%$
- Low Dropout Voltage 0.18V typ. ($I_o=300\text{mA}$)
- Internal Short Circuit Current Limit
- Internal Thermal Overload Protection
- Bipolar Technology
- Package Outline TO-252-3

■ PIN CONFIGURATION



NJM2885DL1

PIN FUNCTION

1. V_{IN}
2. GND
3. V_{OUT}

■ BLOCK DIAGRAM

