

## High Voltage Very low current consumption $I_o=300\text{mA}$ Low Dropout Regulator

### ■ GENERAL DESCRIPTION

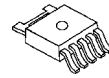
The NJW4184 is a high voltage and low current consumption low dropout regulator.

It has two lineups as A version (built-in ON/OFF function type) and B version (3-terminal / compatible with 78L/M series)

NJW4184 is mounted to SOT-89-3/5, TO-252-3/5 packages and corresponded to Low ESR capacitor (MLCC).

The wide input range makes NJW4184 suitable for a Car accessory, industrial supplies, battery equipment and various applications.

### ■ PACKAGE OUTLINE



### ■ FEATURES

- Wide Operating Voltage Range 4.0~35V(max.)
- Low Current Consumption 12 $\mu$ A (A version.)  
9 $\mu$ A (B version.)
- Correspond to Low ESR capacitor (MLCC)
- Output Current  $I_o(\text{min.})=300\text{mA}$
- Output Voltage Range  $V_o$ : 2.5V to 15.0V
- High Precision Output  $V_o \pm 1.0\%$
- ON/OFF function (apply only A ver.)
- Internal Thermal Overload Protection
- Internal Over Current Protection
- Package Outline A ver. : SOT-89-5