



BCD  
Process  
Series



# NJW4111

## 5.5V/3A Low Dropout Voltage Regulator

### ■ GENERAL DESCRIPTION

The NJW4111 is a low input and 3A output low dropout voltage regulator.

Advanced BCD technology achieves high output current.

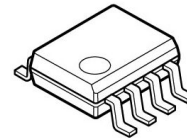
NJW4111 can adjust Output voltage and output low voltage.

It is suitable for graphic chip set and DSP/micro controller etc.

### ■ FEATURE

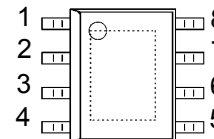
- Operating Voltage Range      5.5V max.
- Correspond to low ESR Capacitor (MLCC)
- Output Current                     $I_o(\text{min.})=3\text{A}$
- Output Voltage Adjustable Type
- Reference Voltage Accuracy  $V_{\text{ref}} \pm 1.0\%$
- Soft Start Function
- Thermal Shut Down Circuit
- Over Current Protection
- Under Voltage Lockout
- Package                              HSOP-8

### ■ PACKAGE OUTLINE



NJW4111GM1

### ■ PIN CONFIGURATION



- |                     |                      |
|---------------------|----------------------|
| 1. $V_{\text{OUT}}$ | 5. $V_{\text{BIAS}}$ |
| 2. $V_{\text{OUT}}$ | 6. CONTROL           |
| 3. FB               | 7. $V_{\text{IN}}$   |
| 4. GND              | 8. $V_{\text{IN}}$   |

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