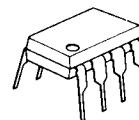


DC/DC CONVERTER CONTROL IC

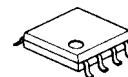
■ GENERAL DESCRIPTION

The NJM2360 is a DC to DC converter control IC. Due to the internalization of a high current output switch, 1.5A switching operations are available. The NJM2360 is designed to be incorporated in step-up, step-down and inverting applications with a minimum number of external components. Output current is limited by an external resistor.

■ PACKAGE OUTLINE



NJM2360D



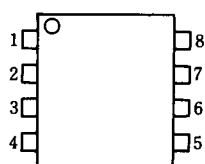
NJM2360M

■ FEATURES

- Output Switch Current 1.5A(MAX)
- Operating Voltage 2.5V* to 40V
- Internal Over Current Limit Circuit
- Supply Voltage V^+ 2.5V* to 40V
- Output Voltage V_{OR} 1.25V to 40V
- Oscillator Frequency f_{OSC} 100Hz to 100kHz
- Package Outline DIP8, DMP8

*Ta =25°C. At low temperature, the minimum voltage is 3.0V.

■ PIN CONFIGURATION



NJM2360D

NJM2360M

PIN FUNCTION

1. C_S
2. E_S
3. C_T
4. GND
5. INV_{IN}
6. V^+
7. S_I
8. C_D

■ BLOCK DIAGRAM

