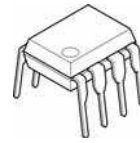


ADJUSTABLE PRECISION SHUNT REGULATOR

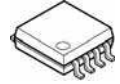
■ GENERAL DESCRIPTION

The NJM431 is a 3 terminal adjustable shunt regulator. The output voltage may be set to any value between V_{REF} (about 2.5V) and 36V by two resistors. Output circuitry shows a sharp turn-on characteristics. Applications include shunt regulators, series regulators for small power and isolation regulators with photo couplers.

■ PACKAGE OUTLINE



NJM431D (DIP8)



NJM431M (DMP8)

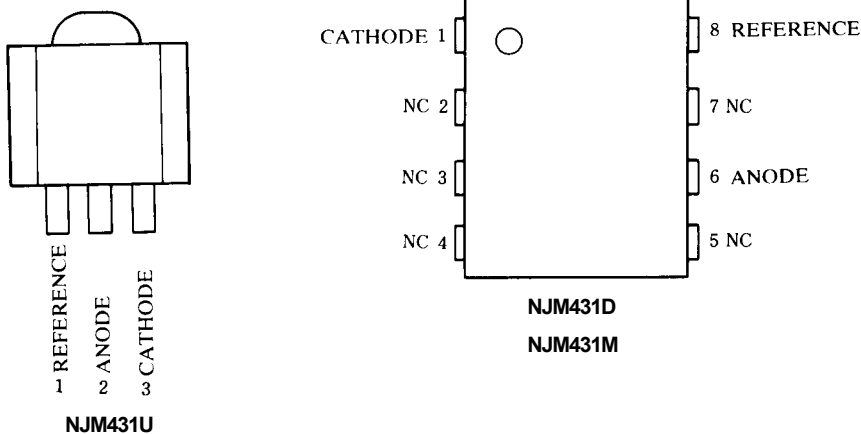


NJM431U (SOT-89)

■ FEATURES

- Operating Voltage ($V_{KA} = V_{REF}$ to 36V)
- Fast Turn-On Response
- Cathode Current (1mA to 100mA)
- Low Dynamic Output Impedance (0.2Ωtyp.)
- Load Regulation typically (0.1%)
- Package Outline DIP8, DMP8, SOT-89
- Bipolar Technology

■ PIN CONFIGURATION



■ EQUIVALENT CIRCUIT

