



BCD
Process
Series

New

NJW4820

35V / 500mA Low Side Switch

■ GENERAL DESCRIPTION

The NJW4820 is an 1 channel Low-side Switch that is able to supply 500mA.

Its output device is N channel MOSFET and Over Voltage Protection, Over Current Protection and Thermal Shutdown circuit are built-in.

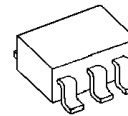
NJW4820 is corresponding to logic control.

NJW4820 is suitable for Power-line driving that motor, solenoid and lamp and so on.

■ FEATURE

- Drain Source Voltage 35V
- Drain Current 500mA
- ON Resistance 0.45 Ω typ. ($V_{IN}=5V$)
0.5 Ω typ. ($V_{IN}=3.3V$)
- Quiescent Current 75 μ A typ. ($V_{IN}=5V$)
60 μ A typ. ($V_{IN}=3.3V$)
- Thermal Shut Down Circuit
- Over Voltage Protection
- Over Current Protection
- Package SOT-23-5

■ PACKAGE OUTLINE



NJW4820F

■ BLOCK DIAGRAM

