

## Product Overview

### NTD5867NL: Single N-Channel Logic Level Power MOSFET 60V, 19A, 39mΩ

For complete documentation, see the data sheet.

POWER MOSFET 60V 19A 39mOhm Single N-Channel DPAK Logic Level

#### Features

- Low RDS(on)
- High Current Capability
- 100% Avalanche Tested
- RoHS Compliant

#### Benefits

- Minimal conduction losses
- Robust load performance
- Voltage overstress safeguard

#### Applications

- LED Backlighting
- DC-DC Converter
- Motor Driver
- UPS Inverter

#### End Products

- LCD TV, Motor Control, Power Supply

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	$V_{DS}^{(BR)}$ Min (V)	$V_{GS}^{(Max)}$ (V)	$V_{GS}^{(th)}$ Max (V)	$I_D$ Max (A)	$P_D$ Max (W)	$R_{DS(on)}$ Max @ $V_{GS} = 2.5V$ (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 4.5V$ (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 10V$ (mΩ)	$Q_3$ Typ @ $V_{GS} = 4.5V$ (nC)	$Q_3$ Typ @ $V_{GS} = 10V$ (nC)	$C_{iss}$ Typ (pF)	Package Type
NTD5867NLT4G	0.2293	Pb-free Halide free non AEC-Q and PPAP	Active	N-Channel	Single	60	20	2.5	20	36	-	50	39	20	15	675	DPAK-3

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

Created on: 10/21/2020