



Product Overview

NTD5867NL: Power MOSFET 60V 19A 39 mOhm Single N-Channel DPAK Logic Level

For complete documentation, see the data sheet

Product Description

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

FeaturesBenefits

- Low RDS(on)
  - High current capability
  - 100% avalanche tested
  - Pb-free, Halide-free
- Minimal conduction losses
  - Robust load performance
  - Voltage overstress safeguard
  - RoHS compliance

ApplicationsEnd Products

- LED Backlighting
  - DC-DC Converter
  - Motor Driver
  - UPS Inverter
- LCD TV, Motor Control, Power Supply

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS(sat)}$ Min (V)	$V_{GS}$ Max (V)	$V_{GS(th)}$ Max (V)	$I_D$ Max (A)	$P_D$ Max (W)	$r_{DS(on)}$ Max @ $V_{GS} = 2.5V$ (m)	$r_{DS(on)}$ Max @ $V_{GS} = 4.5V$ (m)	$r_{DS(on)}$ Max @ $V_{GS} = 10V$ (m)	$Q_g$ Typ @ $V_{GS} = 4.5V$ (nC)	$Q_g$ Typ @ $V_{GS} = 10V$ (nC)	$Q_{gd}$ Typ @ $V_{GS} = 4.5V$ (nC)	$Q_{rr}$ Typ (nC)	$C_{iss}$ Typ (pF)	$C_{oss}$ Typ (pF)	$C_{rss}$ Typ (pF)	Package Type
NTD5867NLT4G	Pb-free Halide free	Active	N-Channel	Single	60	20	2.5	20	36		50	39		15	4.3	12	675	68	47	DPAK-3

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