

NTD6416ANL

Single N-Channel Logic Level Power MOSFET 100V, 19A, 74mΩ

Product Overview

For complete documentation, see the data sheet.

Power MOSFET 100V 19A 74 mOhm 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
- RoHS compliance

Applications

- Motor Control
- UPS Inverter

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 @ $V_{GS} = 2.5$ V (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 4.5$ V (mΩ)	$R_{DS(on)}$ Max @ $V_{GS} = 10$ V (mΩ)	Q_g Typ @ $V_{GS} = 4.5$ V (nC)	Q_g Typ @ $V_{GS} = 10$ V (nC)	C_{iss} Typ (pF)	Package Type
NTD6416ANLT4G	0.4149	 	Active	N-Channel	Single	100	20	2.2	19	71	-	-	74	16.1	25	700	DPAK-3