

## Product Overview

### NTD6416AN: Single N-Channel Power MOSFET 100V, 17A, 81mΩ

For complete documentation, see the data sheet.



Single N-Channel 100 V Power MOSFET

#### Features

- Low RDS(on)
- High current capability
- 100% Avalanche tested
- RoHS Compliant

#### Benefits

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

#### 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)	$R_{DS(on)}^{n)}$ Max @ $V_{GS} = 2.5V$ (mΩ)	$R_{DS(on)}^{n)}$ Max @ $V_{GS} = 4.5V$ (mΩ)	$R_{DS(on)}^{n)}$ Max @ $V_{GS} = 10V$ (mΩ)	$Q_g^{Typ}$ @ $V_{GS} = 4.5V$ (nC)	$Q_g^{Typ}$ @ $V_{GS} = 10V$ (nC)	$C_{iss}^{Typ}$ (pF)	Package Type
NTD6416ANT4G	0.3893	Pb-free Halide free non AEC-Q and PPAP	Active	N-Channel	Single	100	20	4	17	71	-	-	81	-	20	620	DPAK-3

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

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