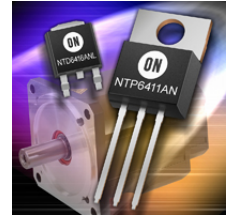


NTD6416AN

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



Product Overview

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)} 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
NTD6416ANT4G	0.5349		Active	N-Channel	Single	100	20	4	17	71	-	-	81	-	20	620	DPAK-3