

Product Overview

NTBLS4D0N15MC: MOSFET - Power, Single, N-Channel, TOLL, 150 V, 4.4 mΩ , 187A

For complete documentation, see the data sheet.

MOSFET - Power, Single, N-Channel, TOLL, 150 V, 4.4 mΩ , 187A

Features

- Low RDS(on)
- Low QG and Capacitance
- Lowers Switching Noise/EMI
- These Devices are Pb-Free, Halogen Free/BFR Free and are RoHS Compliant

Applications

- Power Tools, Battery Operated Vacuums
- UAV/Drones, Material Handling
- BMS/Storage, Home Automation

Benefits

- Minimize Conduction Losses
- Minimize Driver Losses

End Products

- Motor Control
- Industrial Power Supplies
- Solar Inverters

Part Electrical Specifications

Product	Pricing (\$/Unit)	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 @ $V_{GS} = 2.5$ 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
NTBLS4D0N15MC	2.6999	Pb-free Halide free	NEW	N-Channel	Single	150	20	4.5	187	3.4	"-"	"-"	4.4	"-"	90.4	7490	TO-LL 8L

For more information please contact your local sales support at www.onsemi.com.

Created on: 8/28/2020