



Product Overview

NTBLS0D7N06C: MOSFET - Power, Single, N-Channel, TOLL, 60 V, 0.75 mΩ , 470 A

For complete documentation, see the data sheet.

MOSFET - Power, Single, N-Channel, TOLL, 60 V, 0.75 mΩ , 470 A

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

Benefits

- Minimize Conduction Losses
- Minimize Driver Losses

Applications

- Battery Load Switch
- Motor Drive

End Products

- Battery operated power tools
- Drones
- Battery Management Systems

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
NTBLS0D7N06C	2.9038	Pb-free Halide free non AEC-Q and PPAP	Active	N-Channel	Single	60	20	4	470	314	"-"	"-"	0.75	"-"	170	13,730	TO-LL 8L

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

Created on: 7/23/2021