

NTMFSC2D6N08X

MOSFET - PowerTrench® T10, Single, N-Channel, STD Gate, DUAL COOL DFN8 5x6 80 V, 2.6 mΩ, 154 A

Product Overview

For complete documentation, see the data sheet.

PowerTrench® T10 80V MOSFET is a best-in-class product in 80V market. This product will be a best solution in Cloud power, 5G Telecom, other PSU application, DC/DC and industrial application. And this provide better performance with improved system efficiency and high power density with below performance features.

Features

- Advanced DualSided Cooled Packaging
- Low RDS(on)
- Low QG and Capacitance

Applications

- Synchronous Rectification (SR) in DC-DC and AC-DC
- Primary Switch in Isolated DC-DC Converter
- Motor Drives

End Products

- Cloud Datacenter

Part Electrical Specifications

Product	Status	Compliance	Channel Polarity	Silicon Family	Package Name	Gate Level	Wide SO Mosfets	Configuration	OPN Inverter Technology	RDS(on) Max @ VGS = 10V (mΩ)	VGS (V)	VDS(th) Max (V)	ID Max (A)	PP Max (W)	RDS(on) Max @ VGS = 2.5V (mΩ)	RDS(on) Max @ VGS = 4.5V (mΩ)	Qtt @ VGS = 4.5V (nC)	Qtt @ VGS = 10V (nC)	Ciss (pF)	Qrr (nC)	Qrr Typ (pF)	Coss (pF)	Crr Typ (pF)	Package Type	Case Outline	MSL Type	MSL Temp (°C)	Container Type	Container Qty.		
NTMFSC2D6N08XTWG	Active		N-Channel	PowerTrench® T10	Power56 Dual Cool	Low-Medium Voltage	Standard	~NA~	Single	~NA~	80	2.6	2.0	3.6	154	133	~NA~	~NA~	~NA~	45	3200	~NA~	163	930	14	DFN-8	506EG-PDF	1	260	REEL	3000