

Product Overview

NTD4909N: Single N-Channel Power MOSFET 30V, 41A, 8mΩ

For complete documentation, see the data sheet.

30 V, 41 A, Single N Channel, DPAK/IPAK

Features

- Low RDS(on) to Minimize Conduction Losses
- Low Capacitance to Minimize Driver Losses
- Optimized Gate Charge to Minimize Switching Losses

Applications

- CPU Power Delivery
- DC-DC Converters

Benefits

- Improve System Efficiency
- Improve Switching Performance
- Improve Switching Performance

End Products

- Desktop PC, Game Consoles, other Computing Products

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	V _{(BR)DSS} 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
NTD4909NT4G	0.2523	Pb-free Halide free	Active	N-Channel	Single	30	20	2.2	41	25.5	-	12	8	9	17.5	1314	DPAK-3

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

Created on: 11/22/2019