

Product Overview

NTMFS4C024N: Single N-Channel Power MOSFET 30 V, 78 A 2.8mΩ

For complete documentation, see the data sheet.

The NTMFS4C024N is a 30 V, 78 A, Single N-Channel Power MOSFET.

Features

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

Applications

- CPU Power Delivery
- DC-DC Converters

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channel Polarity	Configuration	V _{DSS} (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
NTMFS4C024NT1G	0.2376	Pb-free Halide free non AEC-Q and PPAP	Active	N-Channel	Single	30	20	2.2	78	112	-	4	2.8	-	30	1972	SO-8FL / DFN-5
NTMFS4C024NT3G	0.2533	Pb-free Halide free non AEC-Q and PPAP	Active	N-Channel	Single	30	20	2.2	78	112	-	4	2.8	-	30	1972	SO-8FL / DFN-5

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

Created on: 5/12/2021