



Product Overview

NTMS4920N: Power MOSFET 30V 17A 4.3 mOhm Single N-Channel SO-8

For complete documentation, see the data sheet

Product Description

This is a 30 V N-Channel Power MOSFET.

Features	Benefits
<ul style="list-style-type: none">Low RDS(on)Low CapacitanceOptimized Gate Charge	<ul style="list-style-type: none">Minimize Conduction LossMinimize Driver LossesReduce Switching Losses
Applications	End Products
<ul style="list-style-type: none">DC-DC Converters, Point of Load, Power Load Switch, Motor Control	<ul style="list-style-type: none">PC, Server, Game Console, Other computing and Consumer Applications

Part Electrical Specifications

Product	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 (m)	r _{DS(on)} Max @ V _{GS} = 4.5 V (m)	r _{DS(on)} Max @ V _{GS} = 10 V (m)	Q _g Typ @ V _{GS} = 4.5 V (nC)	Q _g Typ @ V _{GS} = 10 V (nC)	Q _{gd} Typ @ V _{GS} = 4.5 V (nC)	Q _{rr} Typ (nC)	C _{iss} Typ (pF)	C _{oss} Typ (pF)	C _{rss} Typ (pF)	Packaging Type
NTMS4920NR2G	Pb-free Halide free	Active	N-Channel	Single	30	20	3	17	2.12		5.7	4.3	26.3	58.9	3.8	65	4068	1170	41	SOIC-8

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

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