



Product Overview

NTMFS5832NL: Power MOSFET 40V 110A 4.2 mOhm Single N-Channel SO-8FL Logic Level

For complete documentation, see the data sheet

Product Description

Power MOSFET 40V 110A 4.2mOhm Single N-Channel S0-8 FL Logic Level

FeaturesBenefits

- Low RDS(on)
 - Low Capacitance
 - Optimized Gate Charge
 - Pb-Free, Halogen Free/BFR Free
- Minimize Conduction Losses
 - Minimize Driver Losses
 - Minimize Switching Losses
 - RoHS Compliant

ApplicationsEnd Products

- DC-DC Conversion
 - Synchronous Rectification
 - Motor Drive
- Telecom, Datacom, Base Station
 - Server
 - Power Supply
 - Motor Control

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS(sat)}$ Min (V)	V_{GS} Max (V)	$V_{GS(th)}$ Max (V)	I_D Max (A)	P_D Max (W)	$r_{DS(on)}$ Max @ $V_{GS} = 2.5V$ (m)	$r_{DS(on)}$ Max @ $V_{GS} = 4.5V$ (m)	$r_{DS(on)}$ Max @ $V_{GS} = 10V$ (m)	Q_g Typ @ $V_{GS} = 4.5V$ (nC)	Q_g Typ @ $V_{GS} = 10V$ (nC)	Q_{gd} Typ @ $V_{GS} = 4.5V$ (nC)	Q_{rr} Typ (nC)	C_{iss} Typ (pF)	C_{oss} Typ (pF)	C_{rss} Typ (pF)	Package Type
NTMFS5832NLT1G	Pb-free Halide free	Active	N-Channel	Single	40	20	3	111	96		6.5	4.2	25	51	12.7	23.4	2700	360	250	SO-8FL / DF N-5

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

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