



Product Overview

NVMFD5483NL: Power MOSFET 60V, 24A, 36 mOhm, Dual N-Channel, SO8-FL, Logic Level.

For complete documentation, see the data sheet

Product Description

Automotive Power MOSFET in a 5x6mm flat lead package designed for compact and efficient designs and including high thermal performance. Wettable Flank Option available for Enhanced Optical Inspection. AEC-Q101 Qualified MOSFET and PPAP capable suitable for automotive applications.

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
NVMFD5483NLT1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Dual	60	20	2.5	24	44.1		45	36	13.2	23.4	9.2	35	668	152	67	SO-8FL Dual / DF N-8
NVMFD5483NLT3G	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Dual	60	20	2.5	24	44.1		45	36	13.2	23.4	9.2	35	668	152	67	SO-8FL Dual / DF N-8
NVMFD5483NLWFT1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Dual	60	20	2.5	24	44.1		45	36	13.2	23.4	9.2	35	668	152	67	SO-8FL Dual / DF N-8
NVMFD5483NLWFT3G	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Dual	60	20	2.5	24	44.1		45	36	13.2	23.4	9.2	35	668	152	67	SO-8FL Dual / DF N-8

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

Created on: 7/11/2015