



## Product Overview

### NVMFD5485NL: Power MOSFET 60V, 20A, 44 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.

Features	Benefits
<ul style="list-style-type: none"> <li>Low on resistance</li> <li>Small package</li> <li>100% avalanche rated</li> <li>AEC-Q101 qualified</li> </ul>	<ul style="list-style-type: none"> <li>Minimal conduction losses</li> <li>Reduced module size</li> <li>Safeguard against voltage overstress failures</li> <li>Suitable for automotive applications</li> </ul>

Applications	End Products
<ul style="list-style-type: none"> <li>Solenoid driver</li> <li>Low side / high side driver</li> </ul>	<ul style="list-style-type: none"> <li>Automotive engine controllers</li> <li>Antilock braking systems</li> </ul>

#### Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS}$ (V)	$V_{GS}$ (V)	$V_{GS}$ (V)	$I_D$ (A)	$P_D$ (W)	$r_{DS(on)}$ (mΩ)	$r_{DS(on)}$ (mΩ)	$r_{DS(on)}$ (mΩ)	$Q_g$ (nC)	$Q_g$ (nC)	$Q_{gd}$ (nC)	$Q_{rr}$ (nC)	$C_{iss}$ (pF)	$C_{oss}$ (pF)	$C_{rss}$ (pF)	Package Type
NVMFD5485NLT1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Dual	60	20	2.5	20	38.5		60	44	11.5	20	7.9	35.5	560	126	58	SO-8FL Dual / DF N-8
NVMFD5485NLT3G	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Dual	60	20	2.5	20	38.5		60	44	11.5	20	7.9	35.5	560	126	58	SO-8FL Dual / DF N-8
NVMFD5485NLWFT1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Dual	60	20	2.5	20	38.5		60	44	11.5	20	7.9	35.5	560	126	58	SO-8FL Dual / DF N-8
NVMFD5485NLWFT3G	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Dual	60	20	2.5	20	38.5		60	44	11.5	20	7.9	35.5	560	126	58	SO-8FL Dual / DF N-8

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