



Product Overview

NVMFS5826NL: Power MOSFET 60V, 26A, 24 mOhm, Single 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"> Small Footprint (5x6 mm) for Compact Design Low on resistance Low QG and Capacitance AECQ101 Qualified and PPAP Capable 	<ul style="list-style-type: none"> Enables reduced size and cost boards and modules Provides reduced conduction losses Provides reduced switching losses & driver losses Can be used in Automotive applications

Applications	End Products
<ul style="list-style-type: none"> Motor drive, solenoid drive, general load switch 	<ul style="list-style-type: none"> Application motor drive, application solenoid drive, application general load switch

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS(BR)} Min (V)$	$V_{GS} Max (V)$	$V_{GS(th)} Max (V)$	$I_D Max (A)$	$P_D Max (W)$	$r_{DS(on)} Max @ V_{GS} = 2.5 V (m)$	$r_{DS(on)} Max @ V_{GS} = 4.5 V (m)$	$r_{DS(on)} Max @ V_{GS} = 10 V (m)$	$Q_g Typ @ V_{GS} = 4.5 V (nC)$	$Q_g Typ @ V_{GS} = 10 V (nC)$	$Q_{gd} Typ @ V_{GS} = 4.5 V (nC)$	$Q_{rr} Typ (nC)$	$C_{iss} Typ (pF)$	$C_{oss} Typ (pF)$	$C_{rss} Typ (pF)$	Package Type
NVMFS5826NLT1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Single	60	20	2.5	26	39		32	24	9.1	17	4	11	850	85	50	SO-8FL / DF N-5
NVMFS5826NLT3G	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Single	60	20	2.5	26	39		32	24	9.1	17	4	11	850	85	50	SO-8FL / DF N-5
NVMFS5826NLWFT1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Single	60	20	2.5	26	39		32	24	9.1	17	4	11	850	85	50	SO-8FL / DF N-5
NVMFS5826NLWFT3G	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Single	60	20	2.5	26	39		32	24	9.1	17	4	11	850	85	50	SO-8FL / DF N-5

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

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