



Product Overview

NVD5484NL: Power MOSFET 60V, 54A, 17 mOhm, Single N-Channel, DPAK, Logic Level.

For complete documentation, see the data sheet

Product Description

Automotive Power MOSFET. 60V, 54A, 17 mOhm, Single N-Channel, DPAK, Logic Level. AEC-Q101 Qualified MOSFET and PPAP capable suitable for automotive applications.

Features	Benefits
<ul style="list-style-type: none">AEC-Q101 QualifiedLow RDS(on)Pb free, Halide free	<ul style="list-style-type: none">Suitable for Automotive ApplicationsLow Conduction LossesROHS compliant

Applications	End Products
<ul style="list-style-type: none">Power load switch	<ul style="list-style-type: none">Engine Control ModuleBody Control Module

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
NVD5484NLT4G	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Single	60	20	2.5	54	100		23	17	27	48		118	1410	315	135	DPAK-3

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