



Product Overview

NVJD5121N: Power MOSFET 60V 295mA 1.6 Ohm Dual N-Channel SC788 with ESD Protection, Logic Level.

For complete documentation, see the data sheet

Product Description

Automotive Power MOSFET ideal for low power applications. 60V 295mA 1.6 Ohm Dual N-Channel SC788 with ESD Protection, Logic Level. AEC-Q101 Qualified MOSFET and PPAP capable suitable for automotive applications.

Features	Benefits
<ul style="list-style-type: none">Pb-FreeAEC qualifiedLeading Edge Trench Technology for Low RDS(on)Reduced Qg and CapacitanceLow Leakage CurrentLow Profile, 2x2 mm	<ul style="list-style-type: none">RoHS ComplianceAutomotive qualified

End Products

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)	Packaging Type
NVJD5121NT1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Dual	60	20	2.5	0.295	0.25		2500	1600	0.9		0.28		26	4.4	2.5	SC-88-6 / SC-70-6 / SOT-363-6

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

Created on: 7/11/2015