



Product Overview

NVLUS4C12N: Power MOSFET 30V 10.7A 9mOhm Single N-Channel UDFN6

For complete documentation, see the data sheet

Product Description

Power MOSFET 30V 10.7A 9mOhm Single N-Channel UDFN6

Features

- UDFN Package with Exposed Drain Pads
- Low Profile UDFN 2.0x2.0x0.55 mm
- Ultra Low RDS(on)
- PbFree, Halogen Free/BFR Free

Benefits

- Excellent Thermal Conduction
- Board Space Saving
- Improve System Efficiency
- RoHS Compliant

Applications

- Battery Switch
- High Side Load Switch
- Power Load Switch

End Products

- Automotive Infotainment modules

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{DS(sat)}$ (V)	V_{GS} (V)	$V_{GS(th)}$ (V)	I_D (A)	P_D (W)	$r_{DS(on)}$ (m)	$r_{DS(on)}$ (m)	$r_{DS(on)}$ (m)	Q_g (nC)	Q_g (nC)	Q_{gd} (nC)	Q_{rr} (nC)	C_{iss} (pF)	C_{oss} (pF)	C_{rss} (pF)	Package Type
NVLUS4C12NTAG	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Single	30	20	2.1	10.7	1.54		12	9			2.2	20	1172	546	26	UDFN-6

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

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