



Product Overview

NVA4153N: Small Signal Automotive MOSFET 20V 915mA 230 mOhm Single N-Channel SC-75 / SOT-416 with ESD Protection.

For complete documentation, see the data sheet

Product Description

20 V, 915 mA, Single N-Channel with ESD Protection SC-75/ SOT-416. AECQ MOSFET.

Features

- Low $R_{DS(on)}$ Improving System Efficiency
- Low Threshold Voltage
- ESD Protected Gate
- Pb-Free Packages are Available
- AEC qualified

Applications

- Load/Power Switches
- Power Supply Converter Circuits
- Battery Management
- Portables like Cell Phones, PDAs, Digital Cameras, Pagers, etc.

Part Electrical Specifications

Product	Compliance	Status	Channel Polarity	Configuration	$V_{(BR)SS}$ 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
NVA4153NT1G	AEC Qualified PPAP Capable Pb-free Halide free	Active	N-Channel	Single	20	6	1.1	0.915	0.3	170	127		1.82				110	16	12	SC-75-3

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

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