

Silicon Carbide (SiC) MOSFET, N-Channel - EliteSiC, 160 mohm, 1200 V, M1, D2PAK-7L



Images are for reference only

[Inquiry](#)

Manufacturer:	<u>ON Semiconductor, LLC</u>
Package/Case:	D2PAK-7
Product Type:	Thyristors
Lifecycle:	Active

General Description

EliteSiC MOSFET uses a completely new technology that provide superior switching performance and higher reliability compared to Silicon. In addition, the low ON resistance and compact chip size ensure low capacitance and gate charge. Consequently, system benefits include highest efficiency, faster operation frequency, increased power density, reduced EMI, and reduced system size.

Key Features

- Qualified for Automotive According to AEC-Q101
- 1200V rated
- High Speed Switching and Low Capacitance
- 100% UIL Tested
- Devices are RoHS Compliant

Application

- High power DCDC
- Inverter

Recommended For You

NVMFD5C470NLWFTIG

ON Semiconductor, LLC
DFN8

NVIFS5116PLTAG

ON Semiconductor, LLC
WDFN-8

NVHL040N120SC1

ON Semiconductor, LLC
TO-247-3

NVBGS4D1N15MC

ON Semiconductor, LLC
TO-263-7

NVBLS001N06C

ON Semiconductor, LLC
8-HP50F

NVIFS4C05NTAG

ON Semiconductor, LLC
WDFN8

NVFS5C658NLTAG

ON Semiconductor, LLC
WDFN8

NVMFS5C430NLAFTIG

ON Semiconductor, LLC
DFN8

NVMFS5C442NAFTIG

ON Semiconductor, LLC
DFN8

NVD2955T4G

ON Semiconductor, LLC
TO-252

NVFS6H850NTAG

ON Semiconductor, LLC
WDFN8

NVBL51D1N08H

ON Semiconductor, LLC
H-PSOF-8

NVMFS5C404NLAFTIG

ON Semiconductor, LLC
DFN8

NVBG015N065SC1

ON Semiconductor, LLC
D2PAK-7

NVJD5121NTIG

ON Semiconductor, LLC
SOT-363