



1. Description

SS046N03NT, the N-channel Enhanced Power MOSFETs, is obtained by advanced supper trench technology which reduce the conduction loss, improve switching performance and enhance the avalanche energy. This is suitable device for DC-DC and high speed switching applications.

KEY CHARACTERISTICS

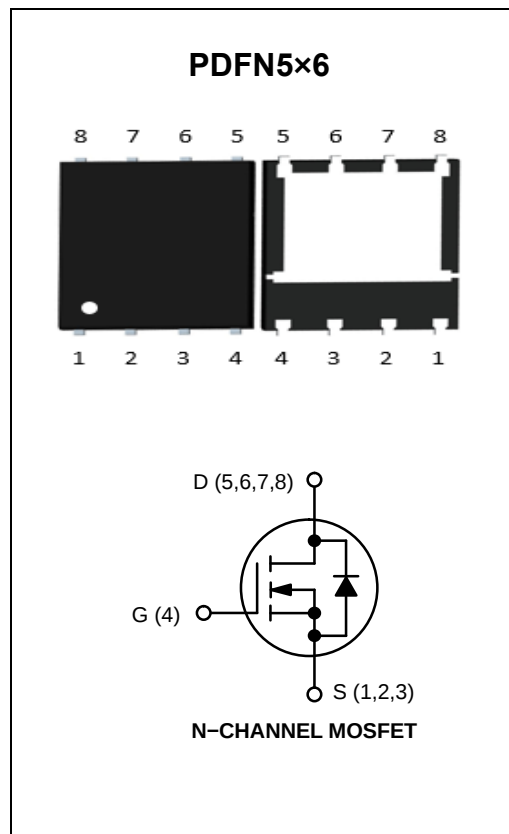
Parameter	Value	Unit
V_{DS}	30	V
I_D	60	A
$R_{DS(on).typ@V_{GS}=10V}$	3.8	mΩ

FEATURES

- Fast Switching
- Low On-Resistance
- Low Gate Charge
- Low Reverse transfer capacitances
- High avalanche ruggedness
- RoHS product

APPLICATIONS

- Switching applications
- DC-DC Converters



ORDERING INFORMATION

Ordering Codes	Package	Product Code	Packing
SS046N03NT	PDFN5×6	SS046N03NT	Reel