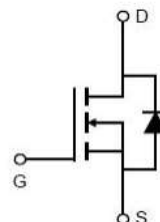




1. Description

SS090N68DT, the N-channel Enhanced Power MOSFETs, is obtained by advanced trench technology which reduce the conduction loss, improve switching performance and enhance the avalanche energy. This is suitable device for motor drivers and high speed switching applications.

Schematic Diagram



KEY CHARACTERISTICS

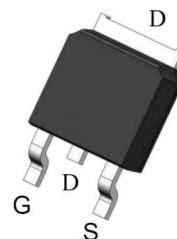
Parameter	Value	Unit
V _{DSS}	68	V
I _D	70	A
R _{DS(on)} .typ	7.5	mΩ

FEATURES:

- Fast Switching
- Low On-Resistance ($R_{DS(on)} \leq 9\text{m}\Omega$)
- Low Gate Charge
- Low Reverse transfer capacitances
- High avalanche ruggedness
- RoHS product

APPLICATIONS:

- Switching applications
- Motor drivers
- Synchronous rectification



PDFN5x6

ORDERING INFORMATION

Ordering Codes	Package	Product Code	Packing
SS090N68DT	TO-252	SS090N68DT	Reel