



1. Description

SS027N08LS, the N-channel Enhanced Power MOSFET, is obtained by advanced double trench technology which reduce the conduction loss, improve switching performance and enhance the avalanche energy. This is suitable device for BMS and high current switching applications.

KEY CHARACTERISTICS

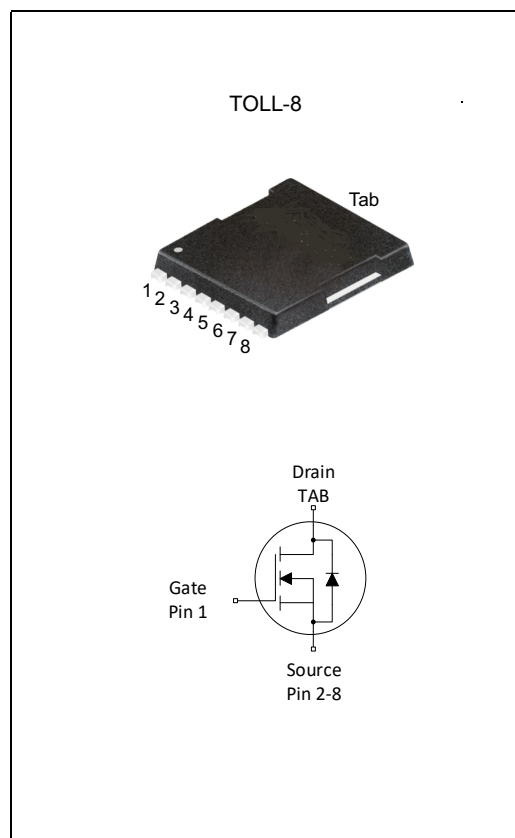
Parameter	Value	Unit
V_{DS}	85	V
I_D	240	A
$R_{DS(on).typ}$	2.2	mΩ

FEATURES

- Fast Switching
- Low On-Resistance ($R_{DS(on)} \leq 2.7m\Omega$)
- Low Gate Charge
- Low Reverse transfer capacitances
- High avalanche ruggedness
- RoHS product

APPLICATIONS

- BMS
- High current switching applications
- DC-DC Converter



ORDERING INFORMATION

Ordering Codes	Package	Product Code	Packing
SS027N08LS	TOLL-8	SS027N08LS	Reel