



## 1. Description

SS014N04LS, the N-channel Enhanced Power MOSFETs, 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 DC-DC and high speed switching applications.

### KEY CHARACTERISTICS

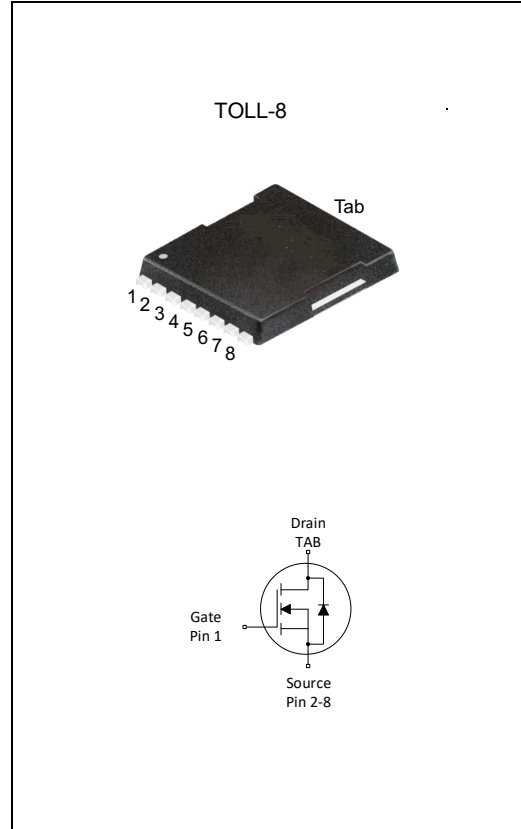
Parameter	Value	Unit
V <sub>DSS</sub>	40	V
I <sub>D</sub>	240	A
R <sub>DS(on).typ</sub>	1.0	mΩ

### FEATURES

- Fast Switching
- Low On-Resistance (  $R_{DS(on)} \leq 1.4m\Omega$  )
- Low Gate Charge
- Low Reverse transfer capacitances
- High avalanche ruggedness
- RoHS product

### APPLICATIONS

- Switching applications
- DC-DC Converters
- BMS



### ORDERING INFORMATION

Ordering Codes	Package	Product Code	Packing
SS014N04LS	TOLL-8	SS014N04LS	Reel