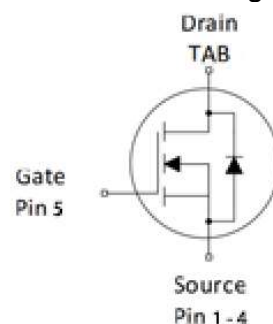


1. Description

SS005N04RS, 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 motor drivers and high speed switching applications.

Schematic Diagram



KEY CHARACTERISTICS

Parameter	Value	Unit
V _{DSS}	40	V
I _D	450	A
R _{DS(on).typ}	0.4	mΩ

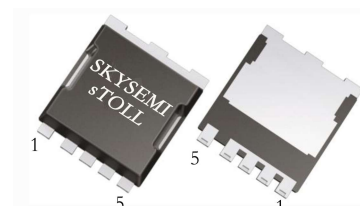
FEATURES:

- Fast Switching
- Low On-Resistance ($R_{DS(on)} \leq 0.5m\Omega$)
- Low Gate Charge
- Low Reverse transfer capacitances
- High avalanche ruggedness
- RoHS product

APPLICATIONS:

- Switching applications
- Synchronous rectification
- Power tool
- Motor drivers
- Battery formation

sTOLL



ORDERING INFORMATION:

Ordering Codes	Package	Product Code	Packing	Quantity
SS005N04RS	sTOLL	SS005N04RS	Reel	1800