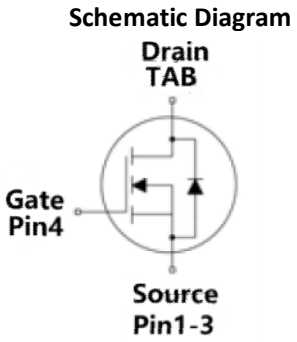
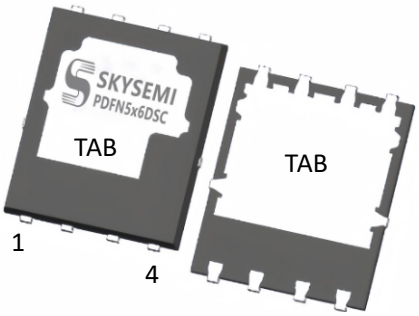
1. Description

SS007N04GS, 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.



KEY CHARACTERISTICS

Parameter	Value	Unit
V_{DSS}	40	V
I_D	320	A
$R_{DS(on).typ}$	0.6	mΩ



FEATURES:

- Fast Switching
- Low On-Resistance ($R_{DS(on)} \leqslant 0.7m\Omega$)
- Low Gate Charge
- Low Reverse transfer capacitances
- High avalanche ruggedness
- RoHS product

APPLICATIONS:

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

ORDERING INFORMATION:

Ordering Codes	Package	Product Code	Packing	Quantity
SS007N04GS	PDFN5X6 DSC	SS007N04GS	Reel	5000