



1.Description

SS43N12MS, 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

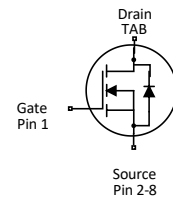
Parameter	Value	Unit
V _{DSS}	120	V
I _D	150	A
R _{DS(on)} .typ	3.8	mΩ

FEATURES

- Fast Switching
- Low On-Resistance ($R_{DS(on)} \leq 4.3m\Omega$)
- Low Gate Charge
- Low Reverse transfer capacitances
- High avalanche ruggedness
- RoHS product

APPLICATIONS

- Switching applications
- Motor drivers
- BMS
- Synchronous rectification



TO-263



ORDERING INFORMATION

Ordering Codes	Package	Product Code	Packing
SS43N12MS	TO-263	SS43N12MS	Reel