



STB80NF55-06 - STB80NF55-06-1 STP80NF55-06 - STP80NF55-06FP

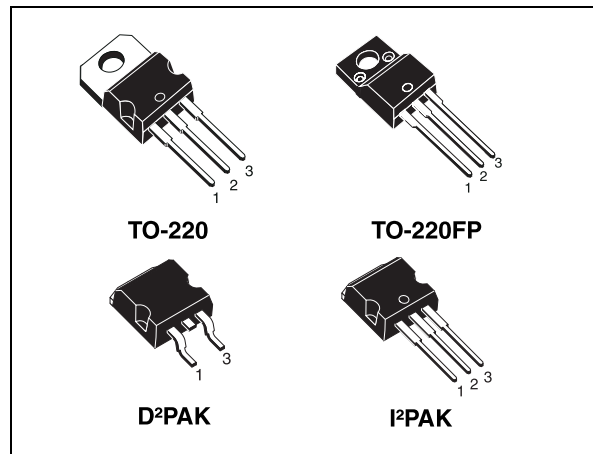
N-channel 55V - 0.005Ω - 80A - TO-220 /FP - I²PAK - D²PAK
STripFET™ II Power MOSFET

General features

Type	V _{DSS}	R _{DS(on)}	I _D
STB80NF55-06	55V	<0.0065Ω	80A ⁽¹⁾
STB80NF55-06-1	55V	<0.0065Ω	80A ⁽¹⁾
STP80NF55-06	55V	<0.0065Ω	80A ⁽¹⁾
STP80NF55-06FP	55V	<0.0065Ω	60A ⁽¹⁾

1. Limited by package

- Exceptional dv/dt capability
- 100% avalanche tested
- Application oriented characterization



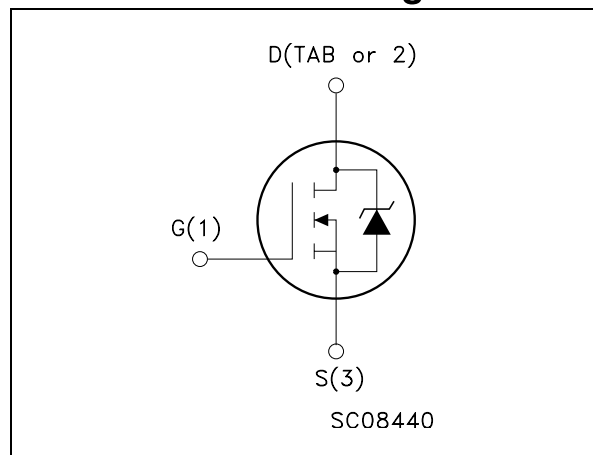
Description

This Power MOSFET is the latest development of STMicroelectronics unique "Single Feature Size™" strip-based process. The resulting transistor shows extremely high packing density for low on-resistance, rugged avalanche characteristics and less critical alignment steps therefore a remarkable manufacturing reproducibility.

Applications

- Switching application

Internal schematic diagram



Order codes

Part number	Marking	Package	Packaging
STB80NF55-06T4	B80NF55-06	D ² PAK	Tape & reel
STB80NF55-06-1	B80NF55-06-1	I ² PAK	Tube
STP80NF55-06	P80NF55-06	TO-220	Tube
STP80NF55-06FP	P80NF55-06FP	TO-220FP	Tube