



# STB75NF75 STP75NF75 - STP75NF75FP

N-channel 75V - 0.0095Ω - 80A - TO-220 - TO-220FP - D<sup>2</sup>PAK  
STripFET™ II Power MOSFET

## General features

Type	V <sub>DSS</sub>	R <sub>DS(on)</sub>	I <sub>D</sub>
STB75NF75	75V	<0.011Ω	80A <sup>(1)</sup>
STP75NF75	75V	<0.011Ω	80A <sup>(1)</sup>
STP75NF75FP	75V	<0.011Ω	80A <sup>(1)</sup>

1. Current limited by package

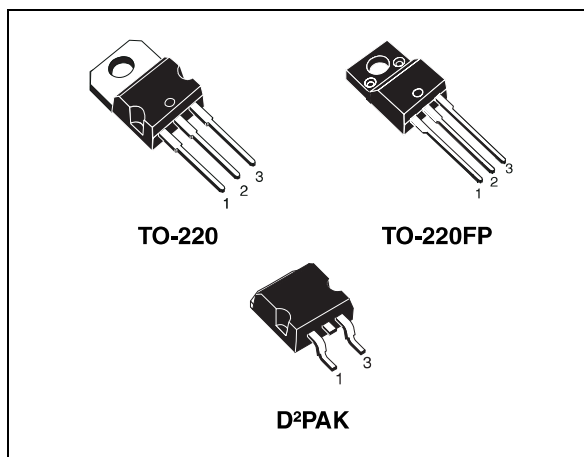
- Exceptional dv/dt capability
- 100% avalanche tested

## Description

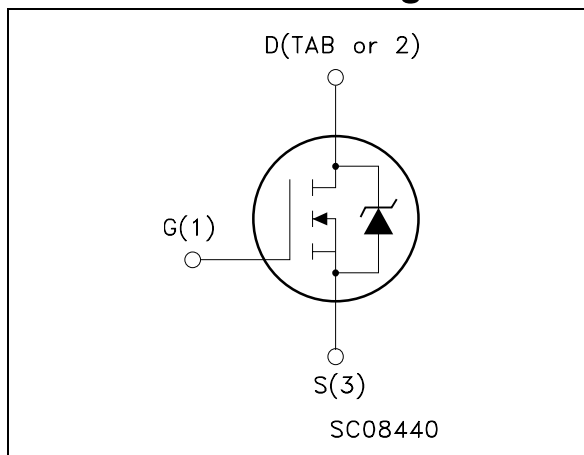
This Power MOSFET series realized with STMicroelectronics unique STripFET™ process has specifically been designed to minimize input capacitance and gate charge. It is therefore suitable as primary switch in advanced high-efficiency, high-frequency isolated DC-DC converters for Telecom and Computer applications. It is also intended for any applications with low gate drive requirements.

## Applications

- Switching application



## Internal schematic diagram



## Order codes

Part number	Marking	Package	Packaging
STB75NF75T4	B75NF75	D <sup>2</sup> PAK	Tape & reel
STP75NF75	P75NF75	TO-220	Tube
STP75NF75FP	P75NF75	TO-220FP	Tube