



STD65NF06 STP65NF06

N-channel 60V - 11.5mΩ - 60A - DPAK/TO-220
STripFET™ II Power MOSFET

General features

| Type | V _{DSS} | R _{DS(on)} | I _D |
|-----------|------------------|---------------------|----------------|
| STD65NF06 | 60V | <14mΩ | 60A |
| STP65NF06 | 60V | <14mΩ | 60A |

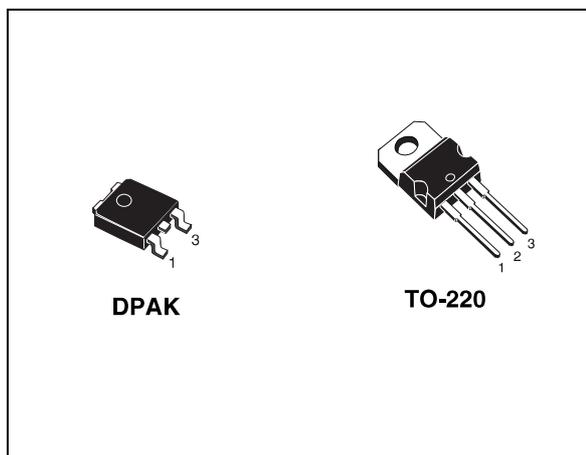
- Standard level gate drive
- 100% avalanche tested

Description

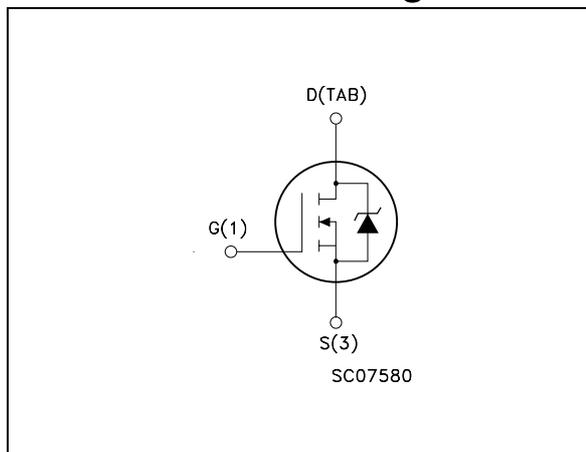
This Power MOSFET is the latest development of STMicroelectronics unique “single feature size”™ strip-based process. The resulting transistor shows extremely high packing density for low on-resistance, rugged avalanche characteristics and less critical alignment steps therefore a remarkable manufacturing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

Applications

- Switching application



Internal schematic diagram



Order codes

| Part number | Marking | Package | Packaging |
|-------------|---------|---------|-------------|
| STD65NF06 | D65NF06 | DPAK | Tape & reel |
| STP65NF06 | P65NF06 | TO-220 | Tube |