


Power Switch Hi Side 1-OUT 1.2A 0.09Ohm 8-Pin SO N T/R

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|----------------------|--|
| Manufacturer: | STMicroelectronics, Inc |
| Package/Case: | SOP-8 |
| Product Type: | Switches |
| RoHS: | RoHS Compliant/Lead free  |
| Lifecycle: | Active |



Images are for reference only

[Inquiry](#)

General Description

The ST890 device is a low voltage, P-channel MOSFET power switch intended for high-side load switching applications.

The switch operates with inputs from 2.7 V to 5.5 V, making it ideal for both 3 V and 5 V systems.

The internal current limiting circuitry protects the input supply against overload. The thermal overload protection limits power dissipation and junction temperatures.

The maximum current limit is 1.2 A. The current limit through the switch is programmed with a resistor from SET to ground. The devices are available in SO-8 and DFN8L (3 x 3 mm) packages.

Key Features

2.7 to 5.5 V input range

Programmable current limit up to 1.2 A

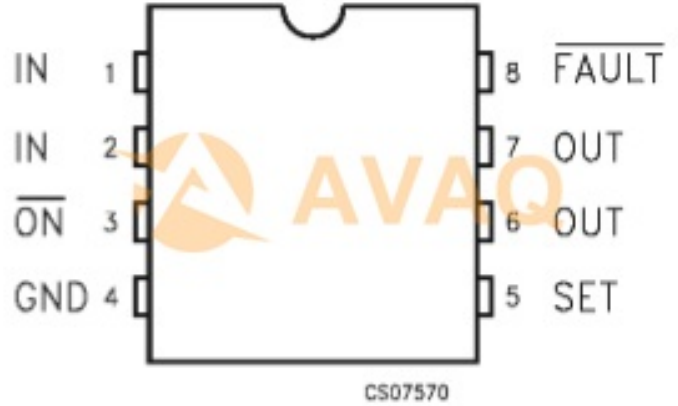
Low quiescent current

Thermal shutdown

Active-low FAULT indicator output

90 mΩ (typ.) ON resistance

SO-8 and DFN8L (3 x 3 mm) packages



Recommended For You

ST1S14PHR

STMicroelectronics, Inc

HSOP-8

STWD100YNYWY3F

STMicroelectronics, Inc

SOT23-5

STC3100IQT

STMicroelectronics, Inc

QFN

STM706TM6F

STMicroelectronics, Inc

SOP-8

STWD100NYWY3F

STMicroelectronics, Inc

SOT23-5

STPD01PUR

STMicroelectronics, Inc

24-QFN

STGAP2SICSNIR

STMicroelectronics, Inc

SOIC-8

STSPIN230

STMicroelectronics, Inc

VFQFPN16

STNS01PUR

STMicroelectronics, Inc

DFN-12

STWBC

STMicroelectronics, Inc

QFN32

STWBC2

STMicroelectronics, Inc

SOP

STMPS2171MIR

STMicroelectronics, Inc

SO-8

STSPIN240

STMicroelectronics, Inc

QFN16

STMPS2151MIR

STMicroelectronics, Inc

SOP8

STC3115IJT

STMicroelectronics, Inc

CSP-10