


Current Limit SW 1-IN 1-OUT to 0.5A 8-Pin SO N Tube

Manufacturer:	STMicroelectronics, Inc
Package/Case:	SOP8
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The L6375S is a monolithic intelligent power switch in multipower BCD technology to drive inductive, capacitive or resistive loads with controlled output voltage slew rate and short-circuit protection. An internal clamping diode enables the fast demagnetization of inductive loads. Diagnostic for CPU feedback and extensive use of electrical protections make this device robust and suitable for industrial automation applications.

Key Features

- 0.5 A output current
- 8 to 35 V supply voltage range
- Internal current limit
- Non-dissipative short-circuit protection
- Thermal shutdown
- Undervoltage lockout with hysteresis
- Internal negative voltage clamping for fast demagnetization
- Differential inputs with large common mode range and threshold hysteresis
- Open load detection
- Two diagnostic outputs
- Open ground protection
- Output status LED driver
- Immunity against burst transient (IEC 61000-4-4)
- ESD protection (human body model ± 2 kV)



Recommended For You

L6574D

STMicroelectronics, Inc

SOP16

L6201PS

STMicroelectronics, Inc

HSOP20

L6562N

STMicroelectronics, Inc

DIP8

L6384ED013TR

STMicroelectronics, Inc

SOP8

L6387ED

STMicroelectronics, Inc

SOP8

L6561D

STMicroelectronics, Inc

SOP-8

L6574

STMicroelectronics, Inc

DIP16

L6506D

STMicroelectronics, Inc

SOP20

L6395DIR

STMicroelectronics, Inc

SOP8

L6388ED013TR

STMicroelectronics, Inc

SOP-8

L6384ED

STMicroelectronics, Inc

SOP8

L6388ED

STMicroelectronics, Inc

SOP8

L6562AID

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SOP

L6718

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QFN56

L6376D

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