

Power Switch Hi Side 3-OUT 1.4A 0.07Ohm 8-Pin SOIC N



Images are for reference only

[Inquiry](#)

Manufacturer: [Maxim Integrated](#)

Package/Case: SOP8

Product Type: Switches

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The MAX1922 current-limited 70mΩ switch with built-in fault blanking provides an accurate, preset 1.4A to 2.1A current limit, making it ideal for dual USB applications. Its low quiescent supply current (16μA) and standby current (1μA) conserve battery power in portable applications. The MAX1922 operates with inputs from 2.7V to 5.5V, making it ideal for both 3V and 5V systems. An overcurrent signal (active-low OC) notifies the microprocessor that the internal current limit has been reached. A 10ms overcurrent-blanking feature allows momentary faults (such as those caused when hot-swapping into a capacitive load) to be ignored, thus preventing false alarms to the host system. This blanking also prevents an active-low OC signal from being issued when the device is powering up. The MAX1922 has several safety features to ensure that the USB port is protected. Built-in thermal-overload protection limits power dissipation and junction temperature. The device also has accurate internal current-limiting circuitry to protect the input supply against overload. The MAX1922 is offered in a space-saving 8-pin SO package and a 10-pin TDFN package and operates over the extended (-40°C to +85°) temperature range.

Key Features

UL? Recognized: UL# E211395

Application

Docking Stations

Notebook Computers

USB Hubs

USB Ports

Recommended For You

MAX1636EAP

Maxim Integrated

SSOP20

MAX1758EAI+

Maxim Integrated

SSOP28

MAX1673ESA+

Maxim Integrated

SOP8

MAX1682EUK+T

Maxim Integrated

SOT23-5

MAX1720EUT+T

Maxim Integrated

SOT23-6

MAX845ESA+T

Maxim Integrated

SOP-8

MAX1681ESA+

Maxim Integrated

SOP-8

MAX17113EIL+

Maxim Integrated

QFN

MAX690CPA+

Maxim Integrated

DIP8

MAX690MJA

Maxim Integrated

CDIP8

MAX6107EUR+T

Maxim Integrated

SOT23-3

MAX5920BESA+

Maxim Integrated

SOP-8

MAX5922AEU+

Maxim Integrated

TSSOP28

MAX5900ABETT+T

Maxim Integrated

TDFN-6

MAX5903LBEUT

Maxim Integrated

SOT23-6