

Smart Highside Power Switch (Overload protection Current limitation Short circuit protection Thermal shutdown)

Manufacturers	<u>Infineon Technologies Corporation</u>
Package/Case	TO-220
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BTS410H2 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

BTS410H2 is a type of Power Switch High Side, also known as a Smart High-Side Power Switch. It is a semiconductor device designed to control the flow of current from a high voltage power supply to a load, such as a motor or a solenoid, in a wide range of industrial, automotive, and consumer applications.

Features

Operating voltage range of 8 to 36 volts

Continuous current capability of up to 9.5 amps

Overload protection with current limitation

Short-circuit protection with auto-restart

Over-temperature protection with hysteresis

Diagnostic feedback for open-load detection and over-temperature indication Battery management systems

Low standby current consumption

Application

Automotive and industrial power management systems

Solenoid and motor control in automotive and industrial equipment

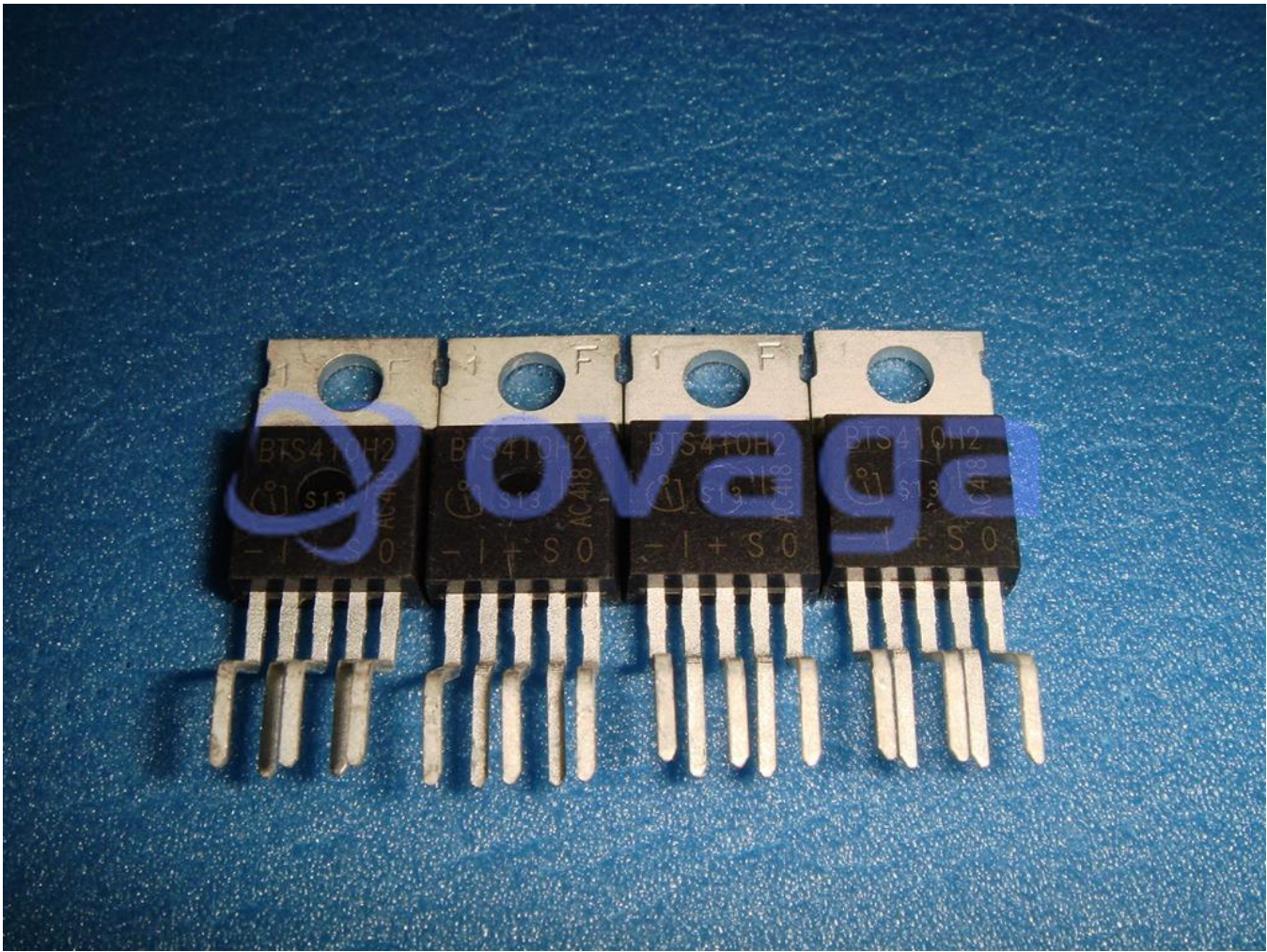
LED lighting control

Switched-mode power supplies

Heating and ventilation systems

Battery management systems





Related Products



[BTS650P-E3180A](#)

Infineon Technologies Corporation
TO-263



[BTS100](#)

Infineon Technologies Corporation
TO-220



[BTS426L1-E3062A](#)

Infineon Technologies Corporation
TO-263-5



[BTS50085A](#)

Infineon Technologies Corporation
TO-263



[BTS132](#)

Infineon Technologies Corporation
TO-220



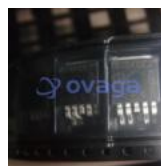
[BTS442E2E3043](#)

Infineon Technologies Corporation
TO-220



[BTS2140-1B](#)

Infineon Technologies Corporation
TO-263



[BTS410E2E3062A](#)

Infineon Technologies Corporation
TO263-5