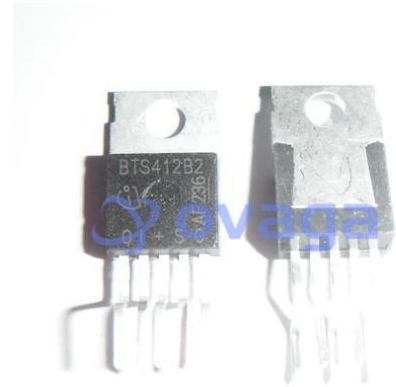


Smart Highside Power Switch

Manufacturers	Infineon Technologies Corporation
Package/Case	TO-220-5
Product Type	High-side / low-side switch, the driver, the receiver
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BTS412B2 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com). We will contact you in 12 hours.

[RFQ](#)

General Description

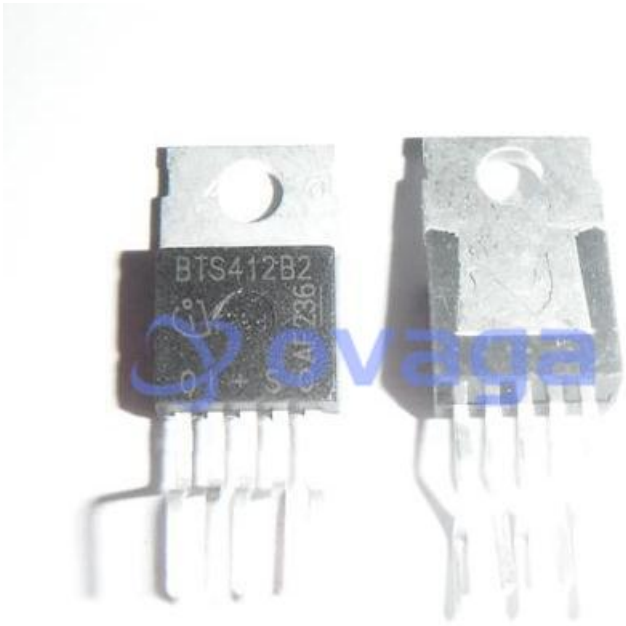
BTS412B2 is a specific part number for a type of high-side power switch, manufactured by Infineon Technologies. It is designed for use in automotive applications, such as controlling motors and other loads in vehicles.

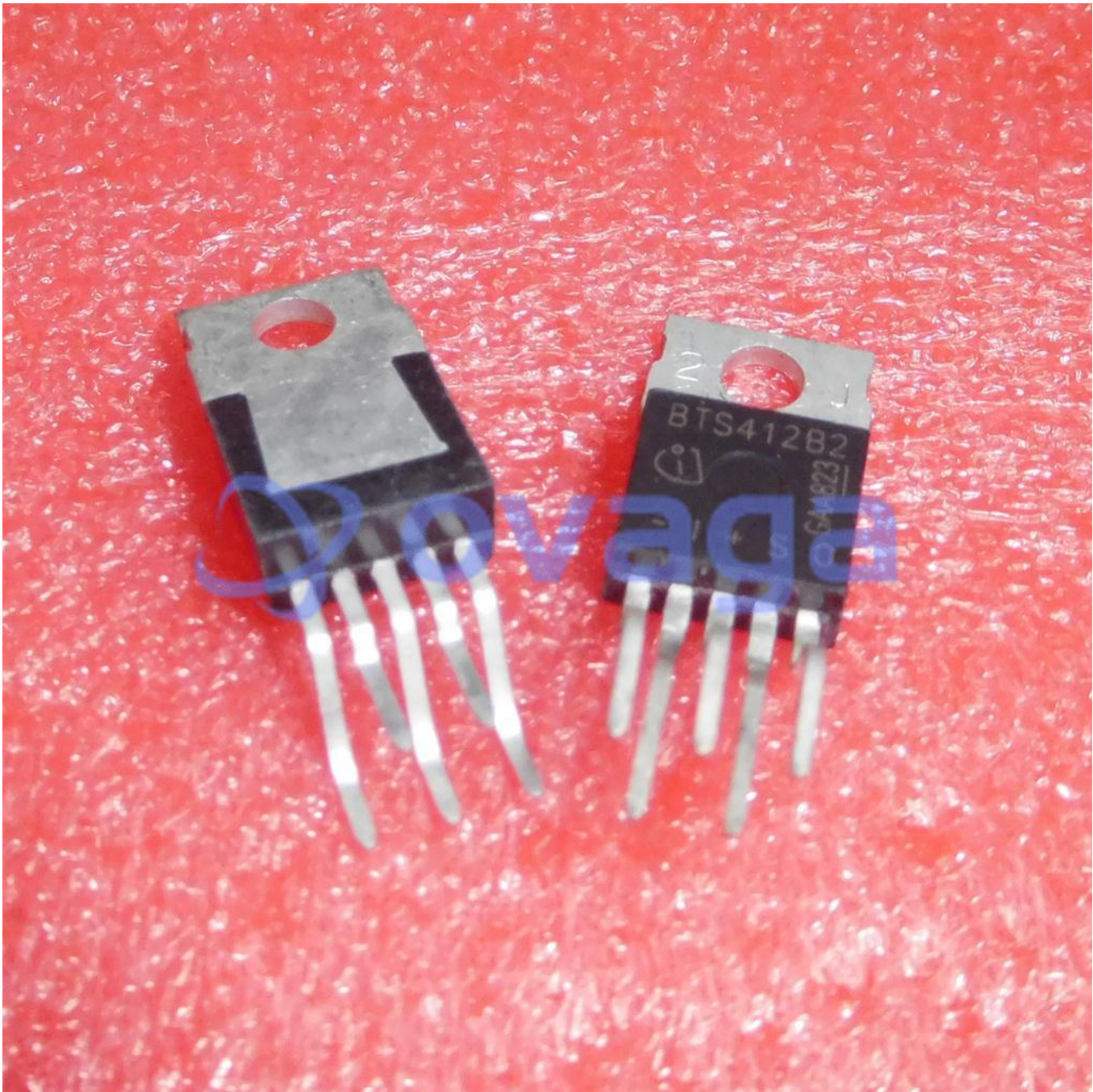
Features

- Operating voltage range of 5V to 34V
- Continuous output current of 15A
- Low on-resistance (typically 12 mOhm)
- Overload protection and over-temperature protection
- Fast switching times (typically 10 μ s)

Application

- Automotive control systems for controlling motors and other loads
- Industrial control systems for machinery and equipment
- Power management for battery-powered devices





Related Products



[BTS442E2E3062A](#)

Infineon Technologies Corporation
PG-TO263-5



[BTS555E3146](#)

Infineon Technologies Corporation
TO-218-5



[BTS612N1](#)

Infineon Technologies Corporation
TO-220



[BTS611L1E3128A](#)

Infineon Technologies Corporation
P-TO220-7



BTS432E2E3062A

Infineon Technologies Corporation
TO-263



BTS550P

Infineon Technologies Corporation
TO-3P-5



BTS432D2

Infineon Technologies Corporation
TO-263



BTS621L1E3128A

Infineon Technologies Corporation
TO-263-7