

Transient Voltage Suppressor Diodes

Manufacturers	Infineon Technologies Corporation
Package/Case	TO-263-15
Product Type	Transistors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BTS780GP or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

BTS780GP is a type of power switch for high-side loads, manufactured by Infineon Technologies. It is designed to operate in 12V and 24V automotive applications, making it suitable for use in cars, trucks, buses, and other vehicles.

Features

- Maximum load current of 30A
- Operating voltage range of 6V to 40V
- Low on-state resistance of 12mΩ
- Overload protection
- Short-circuit protection
- Overtemperature protection
- Under-voltage lockout
- ESD protection
- Status feedback via diagnostic pin

Application

- Automotive lighting systems
- Motor control for windshield wipers, seat adjusters, and HVAC systems
- Power distribution for car audio systems
- Power management for electric power steering (EPS)
- Power management for electric vehicles (EVs) and hybrid electric vehicles (HEVs)





Related Products



[BTS781GP](#)

Infineon Technologies Corporation
TO-263-15



[BTS7710GP](#)

Infineon Technologies Corporation
TO-263-15



[BTS114A](#)

Infineon Technologies Corporation
TO-220AB



[BTS410D2](#)

Infineon Technologies Corporation
TO-263-4



[BTS247Z](#)

Infineon Technologies Corporation
TO-220



[BTS432E2-E3062A](#)

Infineon Technologies Corporation
P-TO220-5



[BTS410G2](#)

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TO263-5



[SPD50P03LGBTMA1](#)

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PG-TO252-5