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| Manufacturers | Infineon Technologies Corporation |
| Package/Case | TO-263 |
| Product Type | Discrete Semiconductors |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for BTS650P-E3180A or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

BTS650P-E3180A is a specific part number for a type of electronic component, specifically a high-side power switch. Here's some information about it:

Features

It is a high-side power switch designed to control loads in the range of 12V to 40V.

It has a maximum output current of 1.7A and a very low on-state resistance.

It features an integrated protection circuitry, including over-temperature protection, short-circuit protection, and over-voltage protection.

It has a wide operating temperature range of -40°C to +150°C, making it suitable for various industrial and automotive applications.

It is compatible with both 3.3V and 5V logic level inputs, making it easy to interface with microcontrollers or other control systems.

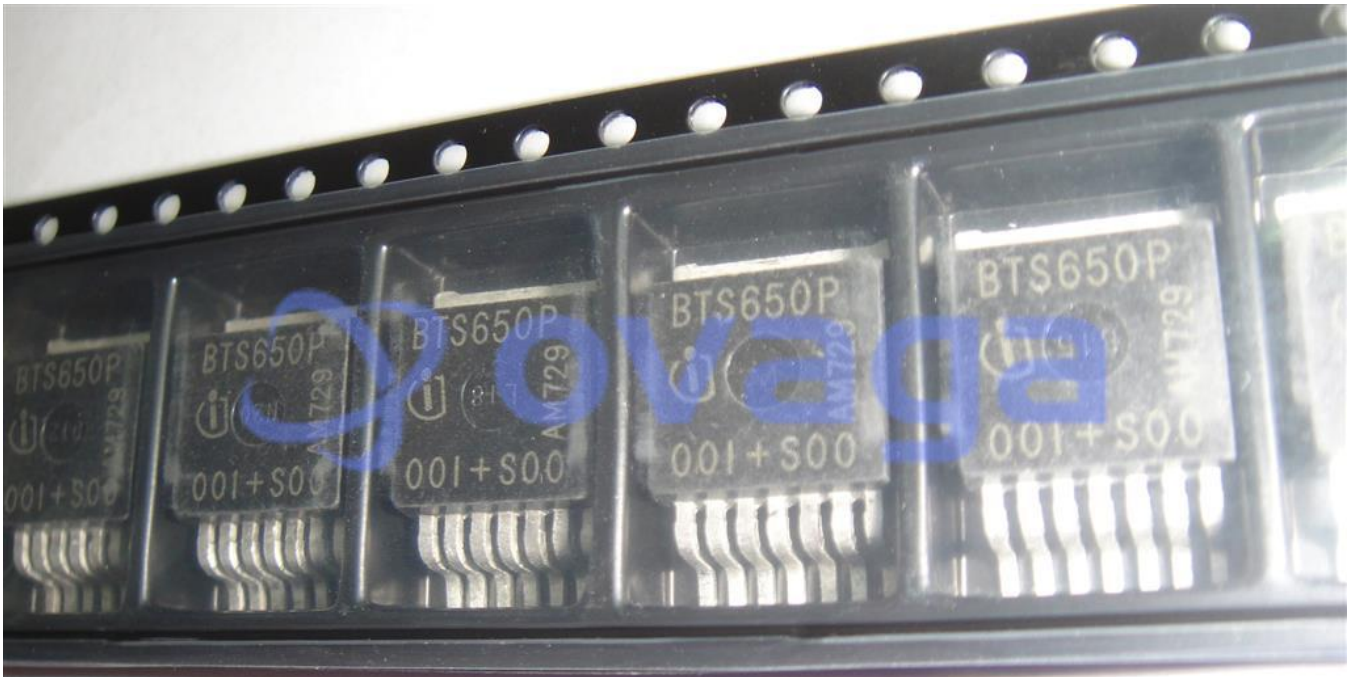
Application

Automotive electronics: It can be used in automotive applications such as power distribution modules, motor control systems, and lighting control.

Industrial automation: It can be used in industrial automation systems for controlling motors, pumps, and other loads.

Home appliances: It can be used in home appliances such as white goods, HVAC systems, and power tools for load switching.

Other general-purpose high-side switching applications.



Related Products



[BTS132](#)

Infineon Technologies Corporation
TO-220



[BTS100](#)

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[BTS442E2E3043](#)

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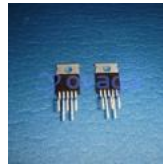
[BTS426L1-E3062A](#)

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[BTS2140-1B](#)

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