

## IC HIGH SIDE PWR SWITCH

Manufacturers	<a href="#">Infineon Technologies Corporation</a>
Package/Case	TO263
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BTS442E2-E3062A or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

BTS442E2-E3062A is a type of power switch made by Infineon Technologies AG. Here are some of its features:

### Features

It is a high-side power switch that operates with an input voltage of up to 42 V and a maximum current of 2 x 7.5 A (in parallel operation).

It has a low on-state resistance of 42 mOhm (typical).

It has an integrated protection against over-temperature, over-current, and over-voltage.

It is housed in a TO-263-7 package with exposed pad for better thermal management.

### Application

Automotive applications, such as power distribution and control, lighting, and motors.

Industrial applications, such as power supplies, inverters, and motor control.

Consumer electronics applications, such as audio amplifiers, LED lighting, and DC-DC converters.



**Related Products**



**[BTT6200-4ESA](#)**

Infineon Technologies Corporation  
SSOP-24



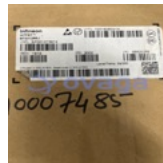
**[BTS6110-1SJA](#)**

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**[BTT6050-1EKA](#)**

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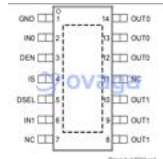
**[BTS3125EJ](#)**

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**[BTT6030-2EKA](#)**

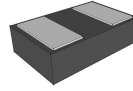
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