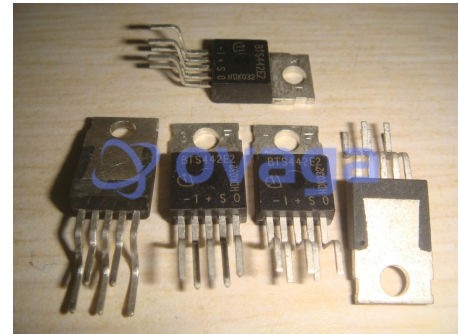


Power Switch ICs - Power Distribution HIC-PROFET

Manufacturers	Infineon Technologies Corporation
Package/Case	TO-263-5
Product Type	Switch ICs
RoHS	
Lifecycle	



Images are for reference only

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

[RFQ](#)

General Description

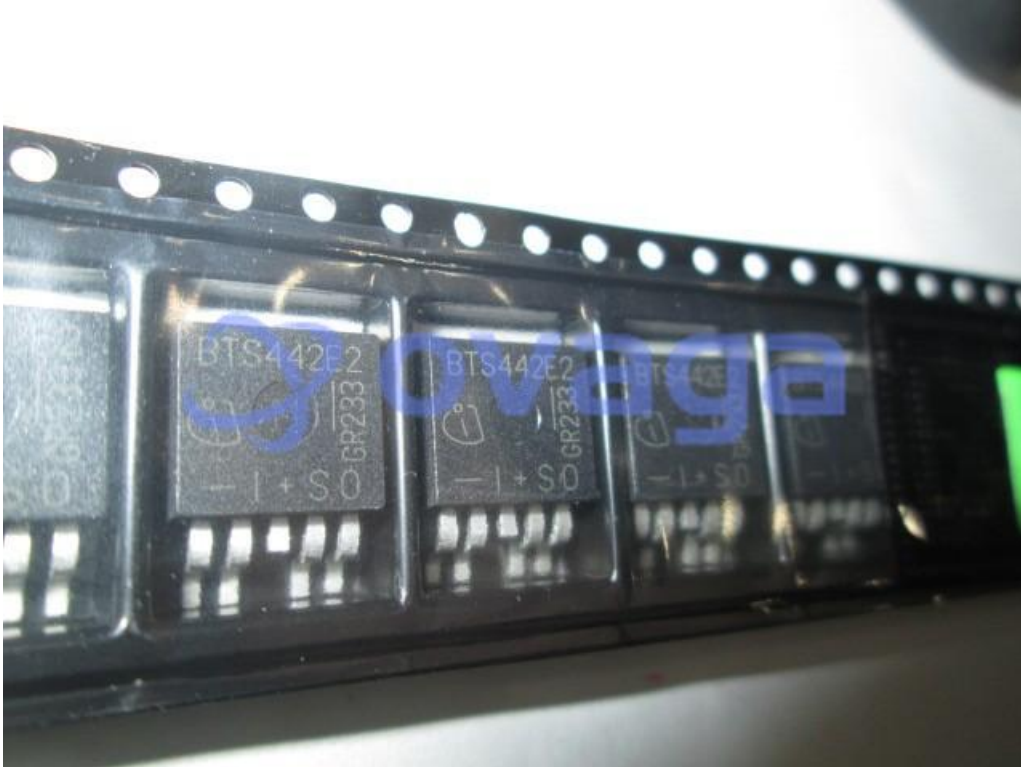
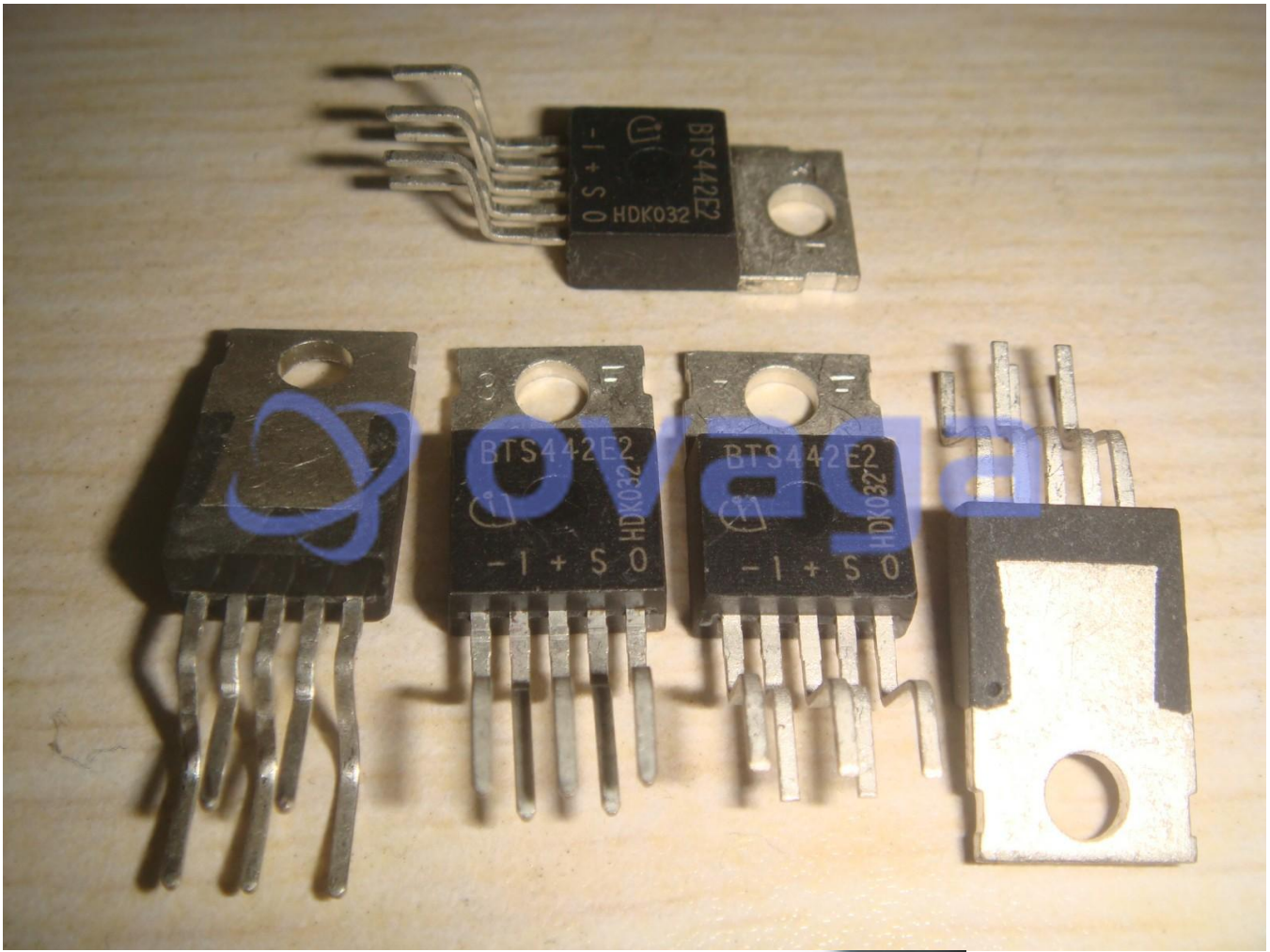
BTS442E2 is a high-side power switch IC manufactured by Infineon Technologies. It is designed to control resistive, inductive and capacitive loads with a nominal voltage of up to 42V and a maximum load current of 8A.

Features

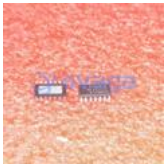
- Overload protection
- Short-circuit protection
- Overtemperature protection
- Logic level input
- Fast demagnetization of inductive loads
- Low stand-by current

Application

- Automotive systems
- Industrial automation
- Power supplies
- Motor control



Related Products



[BTSS016-2EKA](#)

Infineon Technologies Corporation
SOP14



[BTSS0050-1EGA](#)

Infineon Technologies Corporation
PG-DSO-12



[BTSS180-2EKA](#)

Infineon Technologies Corporation
sop14



[BTSS045-2EKA](#)

Infineon Technologies Corporation
SOP-14



[BTSS231-2GS](#)

Infineon Technologies Corporation
DSO-14



[BTSS030-2EKA](#)

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SOP-14



[BTSS016SDA](#)

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TO-252-5



[BTSS4141N](#)

Infineon Technologies Corporation
SOT-223