

BTS442E2BKSA1 Information


For Reference Only

Part Number [BTS442E2BKSA1](#)
Manufacturer Infineon Technologies
Category Integrated Circuits (ICs)
[PMIC - Power Distribution Switches, Load Drivers](#)
Description SWITCH HIGH SIDE POWER TO220AB-5
Package TO-220-5 Formed Leads
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


BTS442E2BKSA1 Specifications

Manufacturer Part Number	BTS442E2BKSA1
Manufacturer	Infineon Technologies
Category	Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers
Package	TO-220-5 Formed Leads
Series	PROFET®
Switch Type	General Purpose
Number of Outputs	1
Ratio - Input:Output	1:1
Output Configuration	High Side
Output Type	N-Channel
Interface	On/Off
Voltage - Load	4.5 V ~ 42 V
Voltage - Supply (Vcc/Vdd)	Not Required
Current - Output (Max)	17A
Rds On (Typ)	15 mOhm
Input Type	Non-Inverting
Features	Auto Restart, Status Flag
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Operating Temperature	-40°C ~ 150°C (TJ)
Package / Case	TO-220-5 Formed Leads
Supplier Device Package	PG-TO220-5-11

[Report errors?](#)

BTS442E2BKSA1 Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

BTS442E2BKSA1 Payment Methods



BTS442E2BKSA1 Shipping Methods



If you have any question about BTS442E2BKSA1, please do not hesitate to contact us!

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