

BTS6142D Information


For Reference Only

Part Number [BTS6142D](#)
Manufacturer Infineon Technologies
Category Integrated Circuits (ICs)
[PMIC - Power Distribution Switches, Load Drivers](#)
Description IC HIGH SIDE PWR SWITCH DPAK-5
Package TO-252-5, DPak (4 Leads + Tab), TO-252AD
 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.


BTS6142D Specifications

Manufacturer Part Number	BTS6142D
Manufacturer	Infineon Technologies
Category	Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers
Package	TO-252-5, DPak (4 Leads + Tab), TO-252AD
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	5.5 V ~ 38 V
Voltage - Supply (Vcc/Vdd)	Not Required
Current - Output (Max)	7A
Rds On (Typ)	10 mOhm
Input Type	Non-Inverting
Features	Auto Restart
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Operating Temperature	-40°C ~ 150°C (TJ)
Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Supplier Device Package	PG-TO252-5

[Report errors?](#)

BTS6142D 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.

BTS6142D Payment Methods



BTS6142D Shipping Methods



If you have any question about BTS6142D, please do not hesitate to contact us!

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