

BTS142DATMA1 Information


For Reference Only

Part Number [BTS142DATMA1](#)
Manufacturer Infineon Technologies
Category Integrated Circuits (ICs)
[PMIC - Power Distribution Switches, Load Drivers](#)
Description IC PWR SWITCH 42V 4.6A TO252
Package TO-252-3, DPak (2 Leads + Tab), SC-63
 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.


BTS142DATMA1 Specifications

Manufacturer Part Number	BTS142DATMA1
Manufacturer	Infineon Technologies
Category	Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	HITFET?
Switch Type	General Purpose
Number of Outputs	1
Ratio - Input:Output	1:1
Output Configuration	Low Side
Output Type	N-Channel
Interface	On/Off
Voltage - Load	42V (Max)
Voltage - Supply (Vcc/Vdd)	Not Required
Current - Output (Max)	4.6A
Rds On (Typ)	23 mOhm
Input Type	Non-Inverting
Features	Auto Restart
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Operating Temperature	-40°C ~ 150°C (TJ)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
Supplier Device Package	PG-TO252-3

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BTS142DATMA1 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.

BTS142DATMA1 Payment Methods



BTS142DATMA1 Shipping Methods



If you have any question about BTS142DATMA1, please do not hesitate to contact us!

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