

Image may be representation.  
See specifications for product details.



## BTS6143DAUMA1

Manufacturer Part Number	<b>BTS6143DAUMA1</b>
Manufacturer	<b>Infineon Technologies</b>
Allelco Part Number	32D-BTS6143DAUMA1
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC PWR SWITCH N-CHAN 1:1 TO252-5
Package	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

BTS6143DAUMA1 - Infineon Technologies. New Original in Stock. Download Linear Technology BTS6143DAUMA1 datasheet/specifications on AllelcoElec.com.  
Request a quote for BTS6143DAUMA1, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

BTS6143DAUMA1 Tech Specifications

BTS6143DAUMA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Output Configuration	High Side
Voltage - Supply (Vcc/Vdd)	Not Required	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Load	5.5V ~ 38V	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PG-TO252-5-11	Interface	On/Off
Series	PROFET®	Input Type	Non-Inverting
Rds On (Typ)	8mOhm	Features	Auto Restart
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD	Current - Output (Max)	41A
Package	Tape & Reel (TR)	Base Product Number	BTS6143
Output Type	N-Channel		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BTS6143DAUMA1

Product Attribute				
Part Number	BTS6143DAUMA1	<b>BTS6144P</b>	<b>BTS6163DAUMA1</b>	<b>BTS6144B</b>
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Interface	On/Off	On/Off	On/Off	On/Off
Base Product Number	BTS6143	BTS6144	BTS6163	BTS6144
Series	PROFET®	PROFET®	PROFET®	PROFET®
Voltage - Load	5.5V ~ 38V	5.5V ~ 38V	5.5V ~ 62V	5.5V ~ 38V
Rds On (Typ)	8mOhm	7mOhm	16mOhm	7mOhm
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage
Current - Output (Max)	41A	48A	21.5A	48A
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Output Configuration	High Side	High Side	High Side	High Side
Supplier Device Package	PG-TO252-5-11	P-TO220-7-230	PG-TO252-5-11	PG-TO220-7-180
Ratio - Input:Output	1:1	1:1	1:1	1:1
Number of Outputs	1	1	1	1
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD	TO-220-7	TO-252-5, DPak (4 Leads + Tab), TO-252AD	TO-263-8, D²Pak (7 Leads + Tab), TO-263CA
Features	Auto Restart	Auto Restart	Auto Restart	Auto Restart

### BTS6143DAUMA1 Datasheet PDF

Download BTS6143DAUMA1 pdf datasheets and Infineon Technologies documentation for BTS6143DAUMA1 - Infineon Technologies.

#### Datasheets











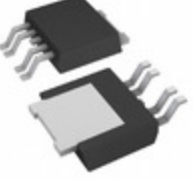




[Cylindrical Battery Holders.pdf](#)

#### Other Related Documents

[Part Number Guide.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>BTS6142D</b> Cypress Semiconductor (Infineon Technologies)	<b>BTS6163D</b> Cypress Semiconductor (Infineon Technologies)	<b>BTS6143D 6143D</b> Cypress Semiconductor (Infineon Technologies)	<b>BTS6143D</b> Cypress Semiconductor (Infineon Technologies)	<b>BTS6144P</b> Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TO220-7	<b>BTS6163DAUMA1</b> Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TO252-5
				NO PICTURE	
<b>BTS6144B</b> Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TO220-7	<b>BTS6133D</b> Infineon Technologies BUFFER/INVERTER BASED PERIPHERAL	<b>BTS612N1E3230</b> Cypress Semiconductor (Infineon Technologies)	<b>BTS6143D/6922A</b> Cypress Semiconductor (Infineon Technologies)	<b>BTS6144</b> INF	<b>BTS6133DAUMA1</b> Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TO252-5
NO PICTURE			NO PICTURE		
<b>BTS6141D</b> INF	<b>BTS6163D MOS</b> Cypress Semiconductor (Infineon Technologies)	<b>BTS6142D 6142D</b> Cypress Semiconductor (Infineon Technologies)	<b>BTS615N</b> LNFINEON	<b>BTS6144PO</b> Cypress Semiconductor (Infineon Technologies)	<b>BTS612N1E3128A</b> Infineon Technologies BUFFER/INVERTER BASED PERIPHERAL

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
- > Use our account for the shipment. Refer to the table below for the approximate charges.  
(Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

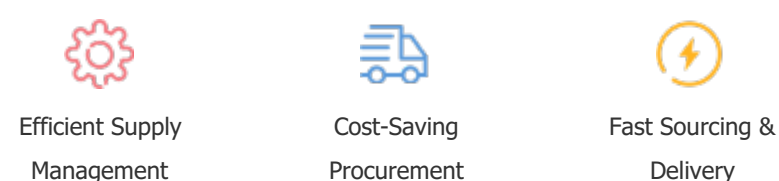
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

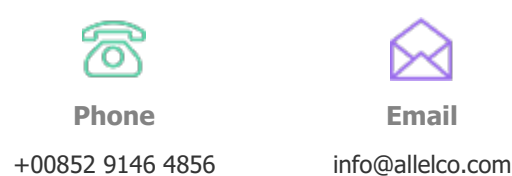
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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