

Image may be representation.
See specifications for product details.



BTS3256DAUMA1

Manufacturer Part Number	BTS3256DAUMA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BTS3256DAUMA1
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	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BTS3256DAUMA1 - Infineon Technologies. New Original in Stock. Download Linear Technology BTS3256DAUMA1 datasheet/specifications on AllelcoElec.com.
Request a quote for BTS3256DAUMA1, please send us email: info@allelco.com

Specifications

BTS3256DAUMA1 Tech Specifications

BTS3256DAUMA1 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Output Configuration	Low Side
Voltage - Supply (Vcc/Vdd)	Not Required	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Load	5.5V ~ 30V	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PG-TO252-5-11	Interface	On/Off
Series	HITFET®	Input Type	Non-Inverting
Rds On (Typ)	10mOhm	Features	Auto Restart, Slew Rate Controlled
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage, UVLO
Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD	Current - Output (Max)	7.5A
Package	Tape & Reel (TR)	Base Product Number	BTS3256
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BTS3256DAUMA1

Product Attribute				
Part Number	BTS3256DAUMA1	BTS3408G	BTS3160DAUMA1	BTS3205G
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage, UVLO	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage, UVLO	Current Limiting (Fixed), Over Temperature, Over Voltage, Short Circuit
Current - Output (Max)	7.5A	550mA	7.8A	350mA
Voltage - Load	5.5V ~ 30V	4.5V ~ 60V	6V ~ 45V	10V
Series	HITFET®	HITFET®	HITFET®	HITFET®
Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD	8-SOIC (0.154", 3.90mm Width)	TO-252-5, DPak (4 Leads + Tab), TO-252AD	8-SOIC (0.154", 3.90mm Width)
Interface	On/Off	On/Off	On/Off	-
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Supplier Device Package	PG-TO252-5-11	PG-DSO-8-36	PG-TO252-5-13	PG-DSO-8-24
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Base Product Number	BTS3256	BTS3408	BTS3160	BTS3205
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Rds On (Typ)	10mOhm	480mOhm	8mOhm	700mOhm
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Features	Auto Restart, Slew Rate Controlled	Auto Restart, Status Flag	-	Slew Rate Controlled
Output Configuration	Low Side	Low Side	Low Side	Low Side
Number of Outputs	1	2	1	1
Ratio - Input:Output	1:1	1:1	1:1	1:1
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required

BTS3256DAUMA1 Datasheet PDF

Download BTS3256DAUMA1 pdf datasheets and Infineon Technologies documentation for BTS3256DAUMA1 - Infineon Technologies.

Datasheets

















[Cylindrical Battery Holders.pdf](#)

Other Related Documents

[Part Number Guide.pdf](#)

Customers Also Interested in

Recommended Products

					
BTS333 Cypress Semiconductor (Infineon Technologies)	BTS3408G Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-8	BTS3160DAUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TO252-5	BTS3207N Cypress Semiconductor (Infineon Technologies)	BTS3256D Cypress Semiconductor (Infineon Technologies)	BTS3205G Infineon Technologies BTS3205 - HITFET, AUTOMOTIVE SMA
		NO PICTURE		NO PICTURE	
BTS3408GXUMA2 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 8SOIC	BTS3405GXUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-8	BTS3143D INPINEON	BTS3205NHUSA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 SOT223-4	BTS3142D INPINEON	BTS3410G Cypress Semiconductor (Infineon Technologies)
					
BTS3205N Cypress Semiconductor (Infineon Technologies)	BTS3405G Cypress Semiconductor (Infineon Technologies)	BTS3160D Cypress Semiconductor (Infineon Technologies)	BTS3205GXUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-8	BTS333 E3045A Cypress Semiconductor (Infineon Technologies)	BTS3405G. Cypress Semiconductor (Infineon Technologies)

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

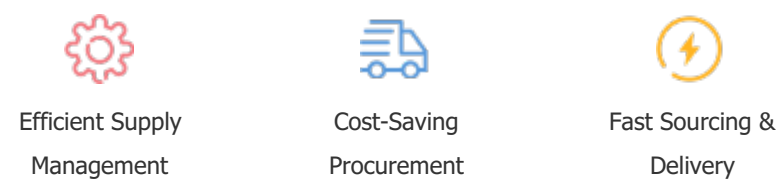
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

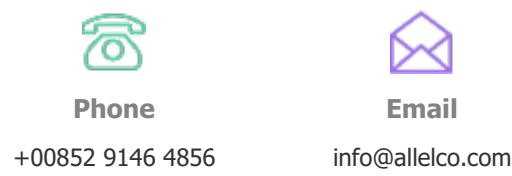
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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