



Image may be representation.  
See specifications for product details.



## BTS3405GXUMA1

Manufacturer Part Number	<b>BTS3405GXUMA1</b>
Manufacturer	<b>Infineon Technologies</b>
Allelco Part Number	32D-BTS3405GXUMA1
ECAD Model	Request Free CAD Models
Parts Description	IC PWR SWITCH N-CHAN 1:1 DSO-8
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

BTS3405GXUMA1 - Infineon Technologies.New Original in Stock. Download Linear Technology BTS3405GXUMA1 datasheet/specifications on AllelcoElec.com.  
Request a quote for BTS3405GXUMA1, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

BTS3405GXUMA1 Tech Specifications

BTS3405GXUMA1 - 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	10V (Max)	Number of Outputs	2
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PG-DSO-8	Interface	On/Off
Series	HITFET®	Input Type	Non-Inverting
Rds On (Typ)	700mOhm	Features	Auto Restart
Ratio - Input:Output	1:1	Fault Protection	Over Temperature, Over Voltage
Package / Case	8-SOIC (0.154', 3.90mm Width)	Current - Output (Max)	350mA
Package	Tape & Reel (TR)	Base Product Number	BTS3405
Output Type	N-Channel		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BTS3405GXUMA1

Product Attribute				
Part Number	BTS3405GXUMA1	<b>BTS3408G</b>	<b>BTS3256DAUMA1</b>	<b>BTS3800SLHTSA1</b>
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Supplier Device Package	PG-DSO-8	PG-DSO-8-36	PG-TO252-5-11	PG-SCT595-5-1
Fault Protection	Over Temperature, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage, UVLO	Over Temperature, Over Voltage
Interface	On/Off	On/Off	On/Off	On/Off
Current - Output (Max)	350mA	550mA	7.5A	350mA
Number of Outputs	2	2	1	1
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Base Product Number	BTS3405	BTS3408	BTS3256	BTS3800
Voltage - Load	10V (Max)	4.5V ~ 60V	5.5V ~ 30V	2.7V ~ 5.5V
Ratio - Input:Output	1:1	1:1	1:1	1:1
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	TO-252-5, DPak (4 Leads + Tab), TO-252AD	6-SMD (5 Leads), Gull Wing
Series	HITFET®	HITFET®	HITFET®	HITFET®
Rds On (Typ)	700mOhm	480mOhm	10mOhm	800mOhm
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Output Configuration	Low Side	Low Side	Low Side	Low Side
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Features	Auto Restart	Auto Restart, Status Flag	Auto Restart, Slew Rate Controlled	-
Output Type	N-Channel	N-Channel	N-Channel	N-Channel

### BTS3405GXUMA1 Datasheet PDF

Download BTS3405GXUMA1 pdf datasheets and Infineon Technologies documentation for BTS3405GXUMA1 - Infineon Technologies.

#### Datasheets

Cylindrical Battery Holders.pdf

#### Other Related Documents

Part Number Guide.pdf

### PCN Packaging

Mult Dev Cover Tape Chg 13/Jul/2022.pdf

330mm Reel Pkg Chg 3/Aug/2018.pdf

### PCN Assembly/Origin

2.73KHz.pdf

## Customers Also Interested in

### Recommended Products



**BTS3207N**

Cypress Semiconductor  
(Infineon Technologies)



**BTS3408G**

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1 DSO-8

**BTS3410G**

Cypress Semiconductor  
(Infineon Technologies)

**BTS3256DAUMA1**

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1 TO252-5



**BTS3800SLHTSA1**

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1 SCT595



**BTS333 E3045A**

Cypress Semiconductor  
(Infineon Technologies)



**BTS3205N**

Cypress Semiconductor  
(Infineon Technologies)



**BTS3800L**

Cypress Semiconductor  
(Infineon Technologies)

**BTS3408GXUMA2**

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1 8SOIC

**BTS333**

Cypress Semiconductor  
(Infineon Technologies)



**BTS3405G**

Cypress Semiconductor  
(Infineon Technologies)



**BTS3408GT**

LNFINEON



**BTS3405G.**

Cypress Semiconductor  
(Infineon Technologies)



**BTS3800SL**

Cypress Semiconductor  
(Infineon Technologies)

**BTS3205GXUMA1**

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1 DSO-8

**BTS3205NHUSA1**

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1 SOT223-4



**BTS3410GXUMA1**

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1 DSO-8



**BTS3256D**

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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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Email

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### Certifications & Memberships



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