



Image may be representation.  
See specifications for product details.



## BTS72002EPCXUMA1

Manufacturer Part Number	<b>BTS72002EPCXUMA1</b>
Manufacturer	<b>Infineon Technologies</b>
Allelco Part Number	32D-BTS72002EPCXUMA1
ECAD Model	Request Free CAD Models
Parts Description	IC PWR SWTCH N-CHAN 1:1 TSDSO-14
Package	14-TSSOP (0.154", 3.90mm Width) Exposed Pad
Data sheet	<b>BTS7200-2EPC.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

BTS72002EPCXUMA1 - Infineon Technologies. New Original in Stock. Download Linear Technology BTS72002EPCXUMA1 datasheet/specifications on AllelcoElec.com. Request a quote for BTS72002EPCXUMA1, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

BTS72002EPCXUMA1 Tech Specifications

BTS72002EPCXUMA1 - 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	6V ~ 18V	Number of Outputs	2
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PG-TSDSO-14-22	Interface	On/Off
Series	Automotive, AEC-Q100, PROFET®	Input Type	Non-Inverting
Rds On (Typ)	66.5mOhm	Features	-
Ratio - Input:Output	2 x 1:1	Fault Protection	Over Current, Over Voltage, Short Circuit, UVLO
Package / Case	14-TSSOP (0.154", 3.90mm Width) Exposed Pad	Current - Output (Max)	1.2A
Package	Tape & Reel (TR)	Base Product Number	BTS7200
Output Type	N-Channel		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BTS72002EPCXUMA1

Product Attribute				
Part Number	BTS72002EPCXUMA1	<b>BTS72002EPAXUMA1</b>	<b>BTS716GBXUMA1</b>	<b>BTS72004EPAXUMA1</b>
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Supplier Device Package	PG-TSDSO-14-22	PG-TSDSO-14-22	PG-DSO-20	PG-TSDSO-14
Fault Protection	Over Current, Over Voltage, Short Circuit, UVLO	Over Current, Over Voltage, Short Circuit, UVLO	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Over Current, Over Voltage, Short Circuit, UVLO
Base Product Number	BTS7200	BTS7200	BTS716	BTS7200
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Interface	On/Off	On/Off	On/Off	On/Off
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Output Configuration	High Side	High Side	High Side	High Side
Series	Automotive, AEC-Q100, PROFET®	Automotive, AEC-Q100, PROFET®	Automotive, AEC-Q100	Automotive, AEC-Q100, PROFET®
Ratio - Input:Output	2 x 1:1	2 x 1:1	1:1	1:1
Package / Case	14-TSSOP (0.154", 3.90mm Width) Exposed Pad	14-TSSOP (0.154", 3.90mm Width) Exposed Pad	20-SOIC (0.295", 7.50mm Width)	14-TSSOP (0.154", 3.90mm Width) Exposed Pad
Number of Outputs	2	2	4	1
Voltage - Load	6V ~ 18V	6V ~ 18V	5.5V ~ 40V	6V ~ 18V
Current - Output (Max)	1.2A	1.2A	2.3A	1A
Rds On (Typ)	66.5mOhm	66.5mOhm	110mOhm	66.5mOhm
Features	-	-	Status Flag	-
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose

## BTS72002EPCXUMA1 Datasheet PDF

Download BTS72002EPCXUMA1 pdf datasheets and Infineon Technologies documentation for BTS72002EPCXUMA1 - Infineon Technologies.

### Datasheets

BTS7200-2EPC.pdf

### PCN Packaging

Mult Dev Pkg Box Chg 3/Jan/2018.pdf

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

### PCN Design/Specification

Mult Dev Datasheet Chg 11/Dec/2019.pdf

SMART7 DS Chg 9/Apr/2021.pdf

### PCN Assembly/Origin

Mult Dev Assembly Chgs 1/Feb/2021.pdf

### Customers Also Interested in

#### Recommended Products



#### BTS72002EPAXUMA1

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1 TSDSO-14



#### BTS716G

Cypress Semiconductor  
(Infineon Technologies)



#### BTS716GBXUMA1

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1 DSO-20



#### BTS72204ESAXUMA1

Infineon Technologies  
IC HID LAMP CNTRL 5MHZ 24TSSOP



#### BTS72220-4ESA

INF



#### BTS72004EPAXUMA1

Infineon Technologies  
IC 4CH HIGH SIDE SWITCH



#### BTS7200-4EPA

Cypress Semiconductor  
(Infineon Technologies)



#### BTS716GXUMA1

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1 DSO-20



#### BTS721L1

INFENON



#### BTS72204ESEXUMA1

Infineon Technologies  
IC HID LAMP CNTRL 5MHZ 24TSSOP



#### BTS712N1XUMA1

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1 DSO-20



#### BTS72220-4ESE

Cypress Semiconductor  
(Infineon Technologies)



#### BTS721L1XUMA1

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1 DSO-20



#### BTS7200-2EPC

Cypress Semiconductor  
(Infineon Technologies)



#### BTS716GT

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1 PDSO-20



#### BTS7200-2EPA



#### BTS723G

Cypress Semiconductor  
(Infineon Technologies)



#### BTS716GB

INF

### 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.



Phone  
+00852 9146 4856



Email  
info@allelco.com

### Certifications & Memberships



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