



Image may be representation.
See specifications for product details.



BTS72002EPAXUMA1

Manufacturer Part Number	BTS72002EPAXUMA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BTS72002EPAXUMA1
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC PWR SWITCH N-CHAN 1:1 TSDSO-14
Package	14-TSSOP (0.154", 3.90mm Width) Exposed Pad
Data sheet	BTS7200-2EPA.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BTS72002EPAXUMA1 - Infineon Technologies. New Original in Stock. Download Linear Technology BTS72002EPAXUMA1 datasheet/specifications on AllelcoElec.com. Request a quote for BTS72002EPAXUMA1, please send us email: info@allelco.com

Specifications

BTS72002EPAXUMA1 Tech Specifications
BTS72002EPAXUMA1 - 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 BTS72002EPAXUMA1

Product Attribute				
Part Number	BTS72002EPAXUMA1	BTS716GT	BTS72002EPCXUMA1	BTS716GBXUMA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Number of Outputs	2	4	2	4
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Interface	On/Off	On/Off	On/Off	On/Off
Package / Case	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	20-SOIC (0.295", 7.50mm Width)
Rds On (Typ)	66.5mOhm	110mOhm	66.5mOhm	110mOhm
Output Configuration	High Side	High Side	High Side	High Side
Fault Protection	Over Current, Over Voltage, Short Circuit, UVLO	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Over Current, Over Voltage, Short Circuit, UVLO	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Features	-	Status Flag	-	Status Flag
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Automotive, AEC-Q100, PROFET®	Automotive, AEC-Q100	Automotive, AEC-Q100, PROFET®	Automotive, AEC-Q100
Base Product Number	BTS7200	BTS716	BTS7200	BTS716
Supplier Device Package	PG-TSDSO-14-22	PG-DSO-20	PG-TSDSO-14-22	PG-DSO-20
Ratio - Input:Output	2 x 1:1	1:1	2 x 1:1	1:1
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Current - Output (Max)	1.2A	2.3A	1.2A	2.3A
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Voltage - Load	6V ~ 18V	5.5V ~ 40V	6V ~ 18V	5.5V ~ 40V

BTS72002EPAXUMA1 Datasheet PDF

Download BTS72002EPAXUMA1 pdf datasheets and Infineon Technologies documentation for BTS72002EPAXUMA1 - Infineon Technologies.

Datasheets

BTS7200-2EPA.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 A/T Chgs 24/Jan/2023.pdf

Customers Also Interested in

Recommended Products

					
BTS722204ESAXUMA1 Infineon Technologies IC HID LAMP CNTRL 5MHZ 24TSSOP	BTS716GT Infineon Technologies IC PWR SWITCH N-CHAN 1:1 PDSO-20	BTS72002EPCXUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TSDSO-14	BTS721L1 INFIENON	BTS716GBXUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-20	BTS72220-4ESE Cypress Semiconductor (Infineon Technologies)
					
BTS7200-4EPA Cypress Semiconductor (Infineon Technologies)	BTS712N1 NO IGBT Module	BTS7200-2EPA	BTS72220-4ESA INF	BTS722204ESEXUMA1 Infineon Technologies IC HID LAMP CNTRL 5MHZ 24TSSOP	BTS7200-2EPC Cypress Semiconductor (Infineon Technologies)
					
BTS72004EPAXUMA1 Infineon Technologies IC 4CH HIGH SIDE SWITCH	BTS716GB INF	BTS721L1XUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-20	BTS712N1XUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-20	BTS716G Cypress Semiconductor (Infineon Technologies)	BTS716GXUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-20

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
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Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
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Certifications & Memberships



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