



Image may be representation.
See specifications for product details.



BTS70302EPAXUMA1

Manufacturer Part Number	BTS70302EPAXUMA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BTS70302EPAXUMA1
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC PWR SWITCH N-CHAN 1:1 TSDSO-14
Package	14-TSSOP (0.154", 3.90mm Width) Exposed Pad
Data sheet	BTS7030-2EPA.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BTS70302EPAXUMA1 - Infineon Technologies. New Original in Stock. Download Linear Technology BTS70302EPAXUMA1 datasheet/specifications on AllelcoElec.com. Request a quote for BTS70302EPAXUMA1, please send us email: info@allelco.com

Specifications

BTS70302EPAXUMA1 Tech Specifications
BTS70302EPAXUMA1 - 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)	14.5mOhm	Features	Slew Rate Controlled
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, UVLO
Package / Case	14-TSSOP (0.154", 3.90mm Width) Exposed Pad	Current - Output (Max)	4.5A
Package	Tape & Reel (TR)	Base Product Number	BTS7030
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BTS70302EPAXUMA1

Product Attribute				
Part Number	BTS70302EPAXUMA1	BTS70101EPAXUMA1	BTS70402EPAXUMA1	BTS70202EPAXUMA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Voltage - Load	6V ~ 18V	6V ~ 18V	6V ~ 18V	6V ~ 18V
Ratio - Input:Output	1:1	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	14-TSSOP (0.154", 3.90mm Width) Exposed Pad	14-TSSOP (0.154", 3.90mm Width) Exposed Pad
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, UVLO	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, UVLO	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, UVLO	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, UVLO
Supplier Device Package	PG-TSDSO-14-22	PG-TSDSO-14-22	PG-TSDSO-14-22	PG-TSDSO-14-22
Features	Slew Rate Controlled	Slew Rate Controlled	Slew Rate Controlled	Slew Rate Controlled
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Interface	On/Off	On/Off	On/Off	On/Off
Number of Outputs	2	1	2	2
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Series	Automotive, AEC-Q100, PROFET®	Automotive, AEC-Q100, PROFET®	Automotive, AEC-Q100, PROFET®	Automotive, AEC-Q100, PROFET®
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Current - Output (Max)	4.5A	9A	3.5A	5A
Base Product Number	BTS7030	BTS7010	BTS7040	BTS7020
Output Configuration	High Side	High Side	High Side	High Side
Rds On (Typ)	14.5mOhm	9.5mOhm	19mOhm	12.7mOhm

BTS70302EPAXUMA1 Datasheet PDF

Download BTS70302EPAXUMA1 pdf datasheets and Infineon Technologies documentation for BTS70302EPAXUMA1 - Infineon Technologies.


Datasheets


[BTS7030-2EPA.pdf](#)

Other Related Documents

[Part Number Guide.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

Customers Also Interested in

Recommended Products

 BTS7030-2EPA Cypress Semiconductor (Infineon Technologies)	 BTS7040-1EPZ Cypress Semiconductor (Infineon Technologies)	 BTS70101EPAXUMA1 Infineon Technologies PROFET	 BTS70402EPAXUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TSDSO-14	 BTS7010-1EPA Cypress Semiconductor (Infineon Technologies)	 BTS7020-2EPA Cypress Semiconductor (Infineon Technologies)
 BTS70202EPAXUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TSDSO-14	 BTS7012-1EPA Cypress Semiconductor (Infineon Technologies)	 BTS7080-2EPA Cypress Semiconductor (Infineon Technologies)	 BTS70401EPZXUMA1 Infineon Technologies PROFET PG-TSDSO-14	 BTS7040-1EPA INF	 BTS70121EPAXUMA1 Infineon Technologies PROFET
 BTS7040-2EPA INEINFON	 BTS7012-2EPA INF	 BTS70401EPAXUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TSDSO-14	 BTS7010-2EPA Cypress Semiconductor (Infineon Technologies)	 BTS70102EPAXUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TSDSO-14	 BTS707 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 PDSO-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

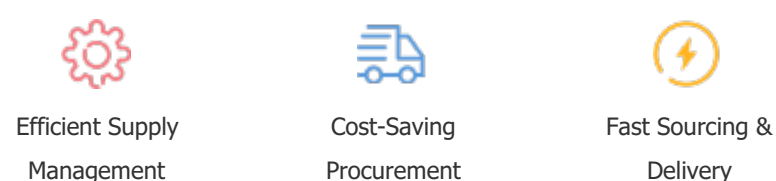
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

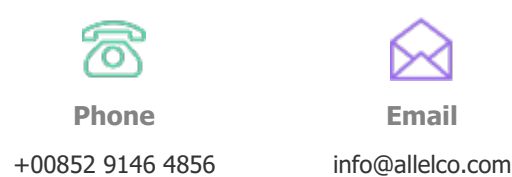
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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