



Image may be representation.  
See specifications for product details.



## BTS70401EPZXUMA1

Manufacturer Part Number	<b>BTS70401EPZXUMA1</b>
Manufacturer	<b>Infineon Technologies</b>
Allelco Part Number	32D-BTS70401EPZXUMA1
ECAD Model	Request Free CAD Models
Parts Description	PROFET PG-TSDSO-14
Package	14-SOIC (0.154", 3.90mm Width) Exposed Pad
Data sheet	<b><a href="#">BTS7040-1EPZ.pdf</a></b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

BTS70401EPZXUMA1 - Infineon Technologies. New Original in Stock. Download Linear Technology BTS70401EPZXUMA1 datasheet/specifications on AllelcoElec.com. Request a quote for BTS70401EPZXUMA1, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

BTS70401EPZXUMA1 Tech Specifications  
BTS70401EPZXUMA1 - 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 ~ 175°C (TJ)
Voltage - Load	6V ~ 18V	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PG-TDSO-14-11	Interface	On/Off
Series	Automotive, AEC-Q100, PROFET®	Input Type	Non-Inverting
Rds On (Typ)	19mOhm	Features	Slew Rate Controlled
Ratio - Input:Output	1:1	Fault Protection	Over Current, Over Temperature, Over Voltage, Short Circuit
Package / Case	14-SOIC (0.154", 3.90mm Width) Exposed Pad	Current - Output (Max)	4.5A
Package	Tape & Reel (TR)	Base Product Number	BTS7040
Output Type	N-Channel		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BTS70401EPZXUMA1

Product Attribute				
Part Number	BTS70401EPZXUMA1	<b>BTS70302EPAXUMA1</b>	<b>BTS707</b>	<b>BTS70202EPAXUMA1</b>
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Base Product Number	BTS7040	BTS7030	BTS707	BTS7020
Fault Protection	Over Current, Over Temperature, Over Voltage, Short Circuit	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, UVLO	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage, UVLO
Package / Case	14-SOIC (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
Ratio - Input:Output	1:1	1:1	1:1	1:1
Voltage - Load	6V ~ 18V	6V ~ 18V	5.8V ~ 58V	6V ~ 18V
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Operating Temperature	-40°C ~ 175°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Interface	On/Off	On/Off	On/Off	On/Off
Output Configuration	High Side	High Side	High Side	High Side
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Rds On (Typ)	19mOhm	14.5mOhm	225mOhm	12.7mOhm
Series	Automotive, AEC-Q100, PROFET®	Automotive, AEC-Q100, PROFET®	PROFET®	Automotive, AEC-Q100, PROFET®
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Outputs	1	2	2	2
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Current - Output (Max)	4.5A	4.5A	1.6A	5A
Features	Slew Rate Controlled	Slew Rate Controlled	Auto Restart, Status Flag	Slew Rate Controlled
Supplier Device Package	PG-TDSO-14-11	PG-TSDSO-14-22	PG-DSO-20-9	PG-TSDSO-14-22

### BTS70401EPZXUMA1 Datasheet PDF

Download BTS70401EPZXUMA1 pdf datasheets and Infineon Technologies documentation for BTS70401EPZXUMA1 - Infineon Technologies.

#### Datasheets



















BTS7040-1EPZ.pdf

#### PCN Packaging

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

 <b>BTS7030-2EPA</b> Cypress Semiconductor (Infineon Technologies)	 <b>BTS7020-2EPA</b> Cypress Semiconductor (Infineon Technologies)	 <b>BTS7040-2EPA</b> INEINFON	 <b>BTS7080-2EPZ</b> Cypress Semiconductor (Infineon Technologies)	 <b>BTS70302EPAXUMA1</b> Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TSDSO-14	 <b>BTS71033-6ESA</b> INF
 <b>BTS7040-1EPA</b> INF	 <b>BTS7012-2EPA</b> INF	 <b>BTS707</b> Infineon Technologies IC PWR SWITCH N-CHAN 1:1 PDSO-20	 <b>BTS70202EPAXUMA1</b> Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TSDSO-14	 <b>BTS70401EPAXUMA1</b> Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TSDSO-14	 <b>BTS70802EPAXUMA1</b> Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TSDSO-14
 <b>BTS71040-4ESA</b> Cypress Semiconductor (Infineon Technologies)	 <b>BTS7080-2EPA</b> Cypress Semiconductor (Infineon Technologies)	 <b>BTS70402EPAXUMA1</b> Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TSDSO-14	 <b>BTS70121EPAXUMA1</b> Infineon Technologies PROFET	 <b>BTS7040-1EPZ</b> Cypress Semiconductor (Infineon Technologies)	 <b>BTS710336ESAXUMA1</b> Infineon Technologies SPOC

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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Certifications & Memberships



View More

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