

Image may be representation.  
See specifications for product details.



## BTS52004EKAXUMA1

Manufacturer Part Number	<b>BTS52004EKAXUMA1</b>
Manufacturer	<b>Infineon Technologies</b>
Allelco Part Number	32D-BTS52004EKAXUMA1
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC PWR SWITCH N-CHAN 1:1 DSO-14
Package	14-SOIC (0.154", 3.90mm Width) Exposed Pad
Data sheet	<b>BTS5200-4EKA.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

BTS52004EKAXUMA1 - Infineon Technologies. New Original in Stock. Download Linear Technology BTS52004EKAXUMA1 datasheet/specifications on AllelcoElec.com. Request a quote for BTS52004EKAXUMA1, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

BTS52004EKAXUMA1 Tech Specifications  
BTS52004EKAXUMA1 - 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	5V ~ 28V	Number of Outputs	4
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PG-DSO-14-48-EP	Interface	Parallel
Series	PROFET®	Input Type	Non-Inverting
Rds On (Typ)	200mOhm	Features	-
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Package / Case	14-SOIC (0.154", 3.90mm Width) Exposed Pad	Current - Output (Max)	800mA
Package	Tape & Reel (TR)	Base Product Number	BTS5200
Output Type	N-Channel		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BTS52004EKAXUMA1

Product Attribute				
Part Number	BTS52004EKAXUMA1	<b>BTS5120-2EKA</b>	<b>BTS50901EJAXUMA1</b>	<b>BTS51202EKAXUMA1</b>
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Supplier Device Package	PG-DSO-14-48-EP	-	PG-DSO-8-43-EP	PG-DSO-14-40-EP
Output Configuration	High Side	-	High Side	High Side
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	-	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Package / Case	14-SOIC (0.154", 3.90mm Width) Exposed Pad	-	8-SOIC (0.154", 3.90mm Width) Exposed Pad	14-SOIC (0.154", 3.90mm Width) Exposed Pad
Input Type	Non-Inverting	-	-	Non-Inverting
Series	PROFET®	-	-	PROFET®
Operating Temperature	-40°C ~ 150°C (TJ)	-	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
Switch Type	General Purpose	-	General Purpose	General Purpose
Output Type	N-Channel	-	N-Channel	N-Channel
Voltage - Supply (Vcc/Vdd)	Not Required	-	Not Required	Not Required
Interface	Parallel	-	On/Off	On/Off
Voltage - Load	5V ~ 28V	-	5V ~ 28V	5V ~ 28V
Number of Outputs	4	-	1	2
Base Product Number	BTS5200	-	BTS5090	BTS5120
Ratio - Input:Output	1:1	-	1:1	1:1
Features	-	-	-	-
Package	Tape & Reel (TR)	-	Tape & Reel (TR)	Tape & Reel (TR)
Current - Output (Max)	800mA	-	3A	2A
Rds On (Typ)	200mOhm	-	90mOhm	120mOhm

### BTS52004EKAXUMA1 Datasheet PDF

Download BTS52004EKAXUMA1 pdf datasheets and Infineon Technologies documentation for BTS52004EKAXUMA1 - Infineon Technologies.

#### Datasheets

BTS5200-4EKA.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 Assembly/Origin

BTS5200-4EKA A/T Chgs 3/Feb/2023.pdf

## Customers Also Interested in

### Recommended Products

 <b>BTS5200-4EKA</b> Cypress Semiconductor (Infineon Technologies)	 <b>BTS5215L</b> Cypress Semiconductor (Infineon Technologies)	 <b>BTS5120-2EKA</b> Infineon Technologies BTS5120 - PROFET - SMART HIGH SI	 <b>BTS5180-2EKA</b> Cypress Semiconductor (Infineon Technologies)	 <b>BTS50901EJAXUMA1</b> Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-8	 <b>BTS5231</b> Cypress Semiconductor (Infineon Technologies)
 <b>BTS5231-2GS</b> Cypress Semiconductor (Infineon Technologies)	 <b>BTS5200-1EJA</b> Cypress Semiconductor (Infineon Technologies)	 <b>BTS51202EKAXUMA1</b> Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-14	 <b>BTS5210G</b> Infineon Technologies BUFFER/INVERTER BASED PERIPHERAL	 <b>BTS5210LAUMA1</b> Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-12	 <b>BTS51802EKAXUMA1</b> Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-14
 <b>BTS5230GS</b> Infineon Technologies IC PWR SWITCH N-CHAN 1:1 PDSO-14	 <b>BTS5231-2G</b> Cypress Semiconductor (Infineon Technologies)	 <b>BTS5090-EJA</b> Cypress Semiconductor (Infineon Technologies)	 <b>BTS5210L</b> Cypress Semiconductor (Infineon Technologies)	 <b>BTS5180-2E</b> Cypress Semiconductor (Infineon Technologies)	 <b>BTS5210GXUMA1</b> Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-14

## 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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