

Image may be representation.
See specifications for product details.



BTS41K0SMENHUMA1

Manufacturer Part Number	BTS41K0SMENHUMA1
Manufacturer	Infineon Technologies
Allelco Part Number	32D-BTS41K0SMENHUMA1
ECAD Model	Request Free CAD Models
Parts Description	IC PWR SWTCH N-CHAN 1:1 SOT223-4
Package	TO-261-4, TO-261AA
Data sheet	BTS41k0S-ME-N.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

BTS41K0SMENHUMA1 - Infineon Technologies.New Original in Stock. Download Linear Technology BTS41K0SMENHUMA1 datasheet/specifications on AllelcoElec.com. Request a quote for BTS41K0SMENHUMA1, please send us email: info@allelco.com

Specifications

BTS41K0SMENHUMA1 Tech Specifications

BTS41K0SMENHUMA1 - 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	60V (Max)	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PG-SOT223-4	Interface	On/Off
Series	Automotive	Input Type	-
Rds On (Typ)	800mOhm	Features	Auto Restart
Ratio - Input:Output	1:1	Fault Protection	Over Temperature, Over Voltage
Package / Case	TO-261-4, TO-261AA	Current - Output (Max)	-
Package	Tape & Reel (TR)	Base Product Number	BTS41K
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies BTS41K0SMENHUMA1

Product Attribute				
Part Number	BTS41K0SMENHUMA1	BTS41K0S-ME-N	BTS4142NHUMA1	BTS4160DGAXUMA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Current - Output (Max)	-	-	1.4A	1.7A
Switch Type	General Purpose	-	General Purpose	General Purpose
Rds On (Typ)	800mOhm	-	150mOhm	160mOhm
Input Type	-	-	Non-Inverting	Non-Inverting
Voltage - Load	60V (Max)	-	12V ~ 45V	5.5V ~ 20V
Base Product Number	BTS41K	-	BTS4142	BTS4160
Number of Outputs	1	-	1	2
Series	Automotive	-	-	-
Output Type	N-Channel	-	N-Channel	N-Channel
Ratio - Input:Output	1:1	-	1:1	1:1
Interface	On/Off	-	On/Off	On/Off
Package	Tape & Reel (TR)	-	Tape & Reel (TR)	Tape & Reel (TR)
Features	Auto Restart	-	Auto Restart	Status Flag
Voltage - Supply (Vcc/Vdd)	Not Required	-	Not Required	Not Required
Operating Temperature	-40°C ~ 150°C (TJ)	-	-40°C ~ 125°C (TJ)	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
Output Configuration	High Side	-	High Side	High Side
Fault Protection	Over Temperature, Over Voltage	-	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage
Supplier Device Package	PG-SOT223-4	-	PG-SOT223-4	PG-DSO-14-37
Package / Case	TO-261-4, TO-261AA	-	TO-261-4, TO-261AA	14-SOIC (0.154", 3.90mm Width)

BTS41K0SMENHUMA1 Datasheet PDF


Download BTS41K0SMENHUMA1 pdf datasheets and Infineon Technologies documentation for BTS41K0SMENHUMA1 - Infineon Technologies.

Datasheets

[BTS41k0S-ME-N.pdf](#)



















Other Related Documents

[Part Number Guide.pdf](#)

 Alternative Wafer Production 16/Jun/2014.pdf

Customers Also Interested in

Recommended Products

					
BTS41K0S-ME-N Infineon Technologies BTS41K0 - PROFET - SMART HIGH SI	BTS4275S Cypress Semiconductor (Infineon Technologies)	BTS4142NHUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 SOT223-4	BTS4160DGAXUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-14	BTS4175SGAXUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 DSO-8	BTS426L1E306 Cypress Semiconductor (Infineon Technologies)
					
BTS4276GV10 Cypress Semiconductor (Infineon Technologies)	BTS41600GA INF	BTS426L1 E3062A Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TO263- 5	BTS4142N MOS Cypress Semiconductor (Infineon Technologies)	BTS426L1 E3043 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TO220- 5	BTS425L1 Cypress Semiconductor (Infineon Technologies)
					
BTS4160DGA Cypress Semiconductor (Infineon Technologies)	BTS4166GDA Cypress Semiconductor (Infineon Technologies)	BTS4175SGA INFINION	BTS426L1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TO220- 5	BTS426L1E3062ABUMA1 Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TO263- 5	BTS4252D Cypress Semiconductor (Infineon Technologies)

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.

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Certifications & Memberships



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