

Image may be representation.  
See specifications for product details.



## ITS41K0SMENHUMA1

Manufacturer Part Number	<a href="#">ITS41K0SMENHUMA1</a>
Manufacturer	<a href="#">Infineon Technologies</a>
Allelco Part Number	32D-ITS41K0SMENHUMA1
ECAD Model	<a href="#">Request Free CAD Models</a>
Parts Description	IC PWR SWITCH N-CHAN 1:1 SOT223-4
Package	TO-261-4, TO-261AA
Data sheet	<a href="#">ITS41K0S-ME-N.pdf</a>
RoHs Status	<b>ROHS3 Compliant</b>

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ITS41K0SMENHUMA1 - Infineon Technologies.New Original in Stock. Download Linear Technology ITS41K0SMENHUMA1 datasheet/specifications on AllelcoElec.com. Request a quote for ITS41K0SMENHUMA1, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ITS41K0SMENHUMA1 Tech Specifications  
ITS41K0SMENHUMA1 - 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 ~ 125°C (TJ)
Voltage - Load	4.9V ~ 60V	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PG-SOT223-4	Interface	On/Off
Series	-	Input Type	Non-Inverting
Rds On (Typ)	800mOhm	Features	-
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Package / Case	TO-261-4, TO-261AA	Current - Output (Max)	200mA
Package	Tape & Reel (TR)	Base Product Number	ITS41K0
Output Type	N-Channel		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies ITS41K0SMENHUMA1

Product Attribute				
Part Number	ITS41K0SMENHUMA1	<a href="#">ITS42008-SB-D</a>	<a href="#">ITS4200SMENHUMA1</a>	<a href="#">ITS4141NHUMA1</a>
Manufacturer	Infineon Technologies	International Rectifier	Infineon Technologies	Infineon Technologies
Interface	On/Off	Parallel	On/Off	On/Off
Features	-	Slew Rate Controlled	-	Auto Restart
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Output (Max)	200mA	2A	700mA	700mA
Package / Case	TO-261-4, TO-261AA	36-BSSOP (0.433", 11.00mm Width) Exposed Pad	TO-261-4, TO-261AA	TO-261-4, TO-261AA
Voltage - Load	4.9V ~ 60V	11V ~ 45V	5V ~ 34V	12V ~ 45V
Ratio - Input:Output	1:1	1:1	1:1	1:1
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Base Product Number	ITS41K0	ITS42008	ITS4200	ITS4141
Supplier Device Package	PG-SOT223-4	PG-DSO-36-26	PG-SOT223-4	PG-SOT223-4
Series	-	-	-	miniPROFET®
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-30°C ~ 85°C (TA)
Output Configuration	High Side	High Side	High Side	High Side
Input Type	Non-Inverting	Non-Inverting	-	Non-Inverting
Rds On (Typ)	800mOhm	150mOhm	160mOhm	150mOhm
Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage, Reverse Battery, Short Circuit, UVLO	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage
Number of Outputs	1	8	1	1
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tape & Reel (TR)

### ITS41K0SMENHUMA1 Datasheet PDF

Download ITS41K0SMENHUMA1 pdf datasheets and Infineon Technologies documentation for ITS41K0SMENHUMA1 - Infineon Technologies.

#### Other Related Documents

[Part Number Guide.pdf](#)

#### HTML Datasheet

[ITS41K0S-ME-N.pdf](#)

 Mult Dev Assembly 20/Dec/2018.pdf

## Customers Also Interested in

### Recommended Products



#### ITS4200S-ME-N

Cypress Semiconductor  
(Infineon Technologies)



#### ITS4141N

Cypress Semiconductor  
(Infineon Technologies)



#### ITS42008-SB-D

International Rectifier  
ITS4200 - PROFET - SMART HIGH SI



#### ITS4200SMENHUMA1

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1  
SOT223-4



#### ITS4141NHUMA1

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1  
SOT223-4



#### ITS4142N

Cypress Semiconductor  
(Infineon Technologies)



#### ITS4142

Cypress Semiconductor  
(Infineon Technologies)



#### ITS4141NXT

Cypress Semiconductor  
(Infineon Technologies)



#### ITS4140NHUMA1

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1  
SOT223-4



#### ITS4200SJDUMA1

IR



#### ITS4141D

Cypress Semiconductor  
(Infineon Technologies)



#### ITS4140N

Cypress Semiconductor  
(Infineon Technologies)



#### ITS4200S-ME-O

Cypress Semiconductor  
(Infineon Technologies)



#### ITS41K0S-ME-N

Cypress Semiconductor  
(Infineon Technologies)



#### ITS4200SME-0

Cypress Semiconductor  
(Infineon Technologies)



#### ITS42008SBD

Cypress Semiconductor  
(Infineon Technologies)



#### ITS4142NHUMA1

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1  
SOT223-4



#### ITS42008SBDAUMA1

Infineon Technologies  
IC PWR SWITCH N-CHAN 1:1 DSO-36

## 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

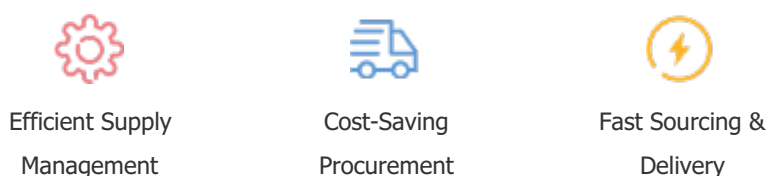
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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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