



Image may be representation.
See specifications for product details.



AUIPS7081STRL

Manufacturer Part Number	AUIPS7081STRL
Manufacturer	Infineon Technologies
Allelco Part Number	32D-AUIPS7081STRL
ECAD Model	Request Free CAD Models
Parts Description	IC PWR SWITCH N-CHAN 1:1 D2PAK-5
Package	TO-263-5, D ² Pak (4 Leads + Tab), TO-263BB
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AUIPS7081STRL - Infineon Technologies. New Original in Stock. Download Linear Technology AUIPS7081STRL datasheet/specifications on AllelcoElec.com.
Request a quote for AUIPS7081STRL, please send us email: info@allelco.com

Specifications

AUIPS7081STRL Tech Specifications

AUIPS7081STRL - 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 ~ 35V	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	PG-TO263-5	Interface	On/Off
Series	Automotive, AEC-Q100	Input Type	Non-Inverting
Rds On (Typ)	55mOhm	Features	Auto Restart
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature
Package / Case	TO-263-5, D ² Pak (4 Leads + Tab), TO-263BB	Current - Output (Max)	2A
Package	Tape & Reel (TR)	Base Product Number	AUIPS7081
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies AUIPS7081STRL

Product Attribute				
Part Number	AUIPS7081STRL	AUIPS7091STRL	AUIPS7081R	AUIPS7091G
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Number of Outputs	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Features	Auto Restart	Auto Restart	Auto Restart	Auto Restart
Current - Output (Max)	2A	2A	2A	2A
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Ratio - Input:Output	1:1	1:1	1:1	1:1
Output Configuration	High Side	High Side	High Side	High Side
Voltage - Load	6V ~ 35V	6V ~ 35V	6V ~ 35V	6V ~ 35V
Base Product Number	AUIPS7081	AUIPS7091	AUIPS7081	AUIPS7091
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Package / Case	TO-263-5, D ² Pak (4 Leads + Tab), TO-263BB	TO-263-6, D ² Pak (5 Leads + Tab), TO-263BA	TO-252-5, DPak (4 Leads + Tab), TO-252AD	8-SOIC (0.154", 3.90mm Width)
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature	Current Limiting (Fixed), Open Load Detect, Over Temperature	Current Limiting (Fixed), Open Load Detect, Over Temperature	Current Limiting (Fixed), Open Load Detect, Over Temperature
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Interface	On/Off	On/Off	On/Off	On/Off
Supplier Device Package	PG-TO263-5	D2PAK-5	PG-TO252-5	PG-DSO-8-906
Rds On (Typ)	55mOhm	80mOhm	55mOhm	80mOhm
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose

AUIPS7081STRL Datasheet PDF

Download AUIPS7081STRL pdf datasheets and Infineon Technologies documentation for AUIPS7081STRL - Infineon Technologies.


Datasheets

[Cylindrical Battery Holders.pdf](#)

Other Related Documents


[Part Number Guide.pdf](#)

PCN Design/Specification

 Mult Dev Label Chgs 8/Sep/2021.pdf

 Mult Dev Label Chgs Aug/2020.pdf

PCN Assembly/Origin

 Qualification PCube IPS Technology 03/Sep/2014.pdf

PCN Obsolescence/ EOL

 Cylindrical Battery Holders.pdf

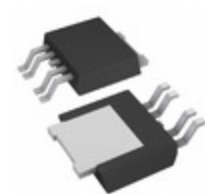
Customers Also Interested in

Recommended Products



AUIPS7091STRL

Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 D2PAK-5



AUIPS7081R

Infineon Technologies
IC PWR SWITCH N-CHANNEL 1:1 DPAK



AUIPS7091G

Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 DSO-8



AUIPS6121RTRL

International Rectifier
CURRENT SENSE HIGH SIDE SWITCH



NO PICTURE

AUIPS6044GTRPBF

IOR



NO PICTURE

AUIPS6215R

IR



AUIPS7091GTR

Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 DSO-8



AUIPS7091S

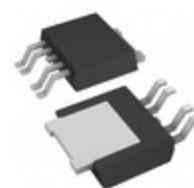
Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 D2PAK-5



NO PICTURE

AUIPS6044G.

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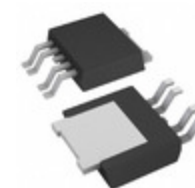
AUIPS7081RTRL

Infineon Technologies
IC PWR SWITCH N-CHANNEL 1:1 DPAK



AUIPS6041RTRL

Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 DPAK-5



AUIPS6121R

Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 TO252-5



AUIPS7111STRL

Infineon Technologies
IC PWR DRIVER N-CHAN 1:1 TO263-5



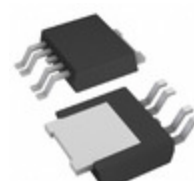
AUIPS7111S

Infineon Technologies
IC PWR DRIVER N-CHAN 1:1 TO263-5



AUIPS6041R

Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 DPAK-5



AUIPS7125R

Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 TO252-5



AUIPS7091

Infineon Technologies
IC PWR SWITCH N-CHAN 1:1 TO220-5



AUIPS7121RTRL

Infineon Technologies
IC PWR DRIVER N-CHANNEL 1:1 DPAK

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.



Phone

+00852 9146 4856



Email

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Certifications & Memberships



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