



Image may be representation.
See specifications for product details.



ADUM5010ARSZ-RL7

Manufacturer Part Number	ADUM5010ARSZ-RL7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM5010ARSZ-RL7
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DC DC CONVERTER 3.15-5.25V 150MW
Package	20-SSOP (0.209", 5.30mm Width)
Data sheet	ADuM5010.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM5010ARSZ-RL7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM5010ARSZ-RL7 datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM5010ARSZ-RL7, please send us email: info@allelco.com

Specifications

ADUM5010ARSZ-RL7 Tech Specifications
ADUM5010ARSZ-RL7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package / Case	20-SSOP (0.209", 5.30mm Width)
Voltage - Output 3	-	Package	Tape & Reel (TR)
Voltage - Output 2	-	Operating Temperature	-40°C ~ 105°C
Voltage - Output 1	3.15 ~ 5.25V	Number of Outputs	1
Voltage - Isolation	2.5 kV	Mounting Type	Surface Mount
Voltage - Input (Min)	3V	Features	OTP, UVLO
Voltage - Input (Max)	5.5V	Efficiency	-
Type	Isolated Module	Current - Output (Max)	30mA
Supplier Device Package	20-SSOP	Control Features	Enable, Active Low
Size / Dimension	0.28" L x 0.21" W x 0.07" H (7.2mm x 5.3mm x 1.9mm)	Base Product Number	ADUM5010
Series	ADuM5010	Applications	ITE (Commercial)
Power (Watts)	150 mW		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUM5010ARSZ-RL7

Product Attribute				
Part Number	ADUM5010ARSZ-RL7	ADUM5000ARWZ	ADUM5028-5BRIZ-RL	ADUM5028-3BRIZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Control Features	Enable, Active Low	-	-	-
Supplier Device Package	20-SSOP	16-SOIC	8-SOIC-IC	8-SOIC-IC
Applications	ITE (Commercial)	ITE (Commercial)	ITE (Commercial)	ITE (Commercial)
Series	ADuM5010	isoPower®	IsoPower®, iCoupler®	IsoPower®, iCoupler®
Voltage - Isolation	2.5 kV	2.5 kV	3 kV	3 kV
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Voltage - Output 3	-	-	-	-
Efficiency	-	-	33%	33%
Voltage - Input (Min)	3V	2.7V	4.5V	3V
Package / Case	20-SSOP (0.209", 5.30mm Width)	16-SOIC (0.295", 7.50mm Width)	8-SOIC (0.295", 7.50mm Width)	8-SOIC (0.295", 7.50mm Width)
Base Product Number	ADUM5010	ADUM5000	ADUM5028	ADUM5028
Current - Output (Max)	30mA	100mA, 100mA	60mA	60mA
Type	Isolated Module	Isolated Module	Isolated Module	Isolated Module
Voltage - Input (Max)	5.5V	5.5V	5.5V	3.6V
Features	OTP, UVLO	OCP, OTP, UVLO	OTP, UVLO	OTP, UVLO
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 125°C	-40°C ~ 125°C
Voltage - Output 1	3.15 ~ 5.25V	3.3V, 5V	3.3V, 5V	3.3V
Voltage - Output 2	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Size / Dimension	0.28" L x 0.21" W x 0.07" H (7.2mm x 5.3mm x 1.9mm)	0.41" L x 0.30" W x 0.10" H (10.5mm x 7.6mm x 2.7mm)	0.23" L x 0.30" W x 0.10" H (5.9mm x 7.5mm x 2.7mm)	0.23" L x 0.30" W x 0.10" H (5.9mm x 7.5mm x 2.7mm)
Power (Watts)	150 mW	500 mW	-	-
Number of Outputs	1	1	1	1

ADUM5010ARSZ-RL7 Datasheet PDF

Download ADUM5010ARSZ-RL7 pdf datasheets and Analog Devices Inc. documentation for ADUM5010ARSZ-RL7 - Analog Devices Inc..

Datasheets

ADuM5010.pdf

Other Related Documents



Tape and Reel Packaging.pdf

PCN Design/Specification



Die Revision 27/Sep/2016.pdf

Customers Also Interested in

Recommended Products



ADUM5201WCRWZ-RL

Analog Devices Inc.
DGTL ISO 2500VRMS 2CH GP 16SOIC



ADUM5200CRWZ

Analog Devices Inc.
DGTL ISO 2500VRMS 2CH GP 16SOIC



ADUM5211ARSZ

Analog Devices Inc.
DGTL ISO 2500VRMS 2CH GP 20SSOP



ADUM5000ARWZ

Analog Devices Inc.
DC DC CONVERTER 3.3V 5V 500MW



ADUM5201ARWZ

Analog Devices Inc.
DGTL ISO 2500VRMS 2CH GP 16SOIC



ADUM5028-5BRIZ-RL

Analog Devices Inc.
DC DC CONVERTER 3.3V 5V 300MW



ADUM5201ARWZ-RL

Analog Devices Inc.
DGTL ISO 2500VRMS 2CH GP 16SOIC



ADUM4402WARWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM5028-3BRIZ

Analog Devices Inc.
DC DC CONVERTER 3.3V 300MW



ADUM5010ARSZ

Analog Devices Inc.
DC DC CONVERTER 3.15-5.25V 150MW



ADUM5201CRWZ-RL

Analog Devices Inc.
DGTL ISO 2500VRMS 2CH GP 16SOIC



ADUM5000WARWZ-RL

Analog Devices Inc.
DC DC CONVERTER 3.3V 5V 400MW



ADUM5000ARWZ-RL

Analog Devices Inc.
DC DC CONVERTER 3.3V 5V 500MW



ADUM5028-5BRIZ

Analog Devices Inc.
DC DC CONVERTER 3.3V 5V 300MW



ADUM5201WCRWZ

Analog Devices Inc.
DGTL ISO 2500VRMS 2CH GP 16SOIC



ADUM4402WBRWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM4402BRWZ-RL

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC



ADUM4402CRWZ

Analog Devices Inc.
DGTL ISO 5000VRMS 4CH GP 16SOIC

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

info@allelco.com

Certifications & Memberships



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