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See specifications for product details.



ADP2442ACPZ-R7

Manufacturer Part Number	ADP2442ACPZ-R7
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADP2442ACPZ-R7
ECAD Model	Request Free CAD Models
Parts Description	IC REG BUCK ADJ 1A 12LFCSP
Package	12-WFQFN Exposed Pad, CSP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADP2442ACPZ-R7 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADP2442ACPZ-R7 datasheet/specifications on AllelcoElec.com.
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Specifications

ADP2442ACPZ-R7 Tech Specifications
ADP2442ACPZ-R7 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	0.6V	Output Type	Adjustable
Voltage - Output (Max)	32.4V	Output Configuration	Positive
Voltage - Input (Min)	4.5V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	36V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	Yes	Function	Step-Down
Supplier Device Package	12-LFCSP-WQ (3x3)	Frequency - Switching	300kHz ~ 1MHz
Series	-	Current - Output	1A
Package / Case	12-WFQFN Exposed Pad, CSP	Base Product Number	ADP2442

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADP2442ACPZ-R7

Product Attribute				
Part Number	ADP2442ACPZ-R7	ADP2441ACPZ-R7	ADP2380AREZ	ADP2443ACPZ-R7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Input (Max)	36V	36V	20V	36V
Base Product Number	ADP2442	ADP2441	ADP2380	ADP2443
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Output (Max)	32.4V	32.4V	18V	12V
Series	-	-	-	-
Number of Outputs	1	1	1	1
Voltage - Output (Min/Fixed)	0.6V	0.6V	0.6V	0.6V
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Package / Case	12-WFQFN Exposed Pad, CSP	12-WFQFN Exposed Pad, CSP	16-TSSOP (0.173", 4.40mm Width) Exposed Pad	24-WFQFN Exposed Pad, CSP
Current - Output	1A	1A	4A	3A
Function	Step-Down	Step-Down	Step-Down	Step-Down
Voltage - Input (Min)	4.5V	4.5V	4.5V	4.5V
Frequency - Switching	300kHz ~ 1MHz	300kHz ~ 1MHz	250kHz ~ 1.4MHz	200kHz ~ 1.8MHz
Supplier Device Package	12-LFCSP-WQ (3x3)	12-LFCSP-WQ (3x3)	16-TSSOP-EP	24-LFCSP (4x4)
Output Configuration	Positive	Positive	Positive	Positive
Topology	Buck	Buck	Buck	Buck
Synchronous Rectifier	Yes	Yes	Yes	Yes

ADP2442ACPZ-R7 Datasheet PDF

Download ADP2442ACPZ-R7 pdf datasheets and Analog Devices Inc. documentation for ADP2442ACPZ-R7 - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

Other Related Documents


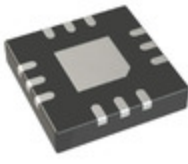


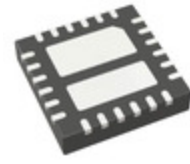

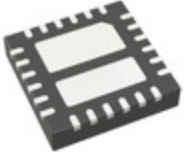
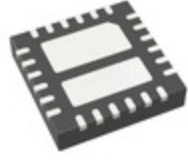
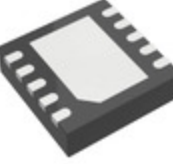

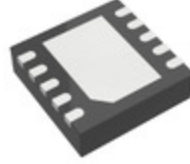



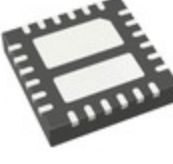


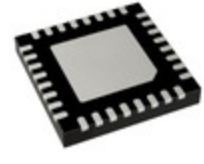
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[ADI Programmable Log Controller Solutions.pdf](#)

PCN Assembly/Origin

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 ADP2503ACPZ-3.3 ADI (Analog Devices, Inc.)	 ADP2441ACPZ-R7 Analog Devices Inc. IC REG BUCK ADJ 1A 12LFCSP	 ADP2380AREZ Analog Devices Inc. IC REG BUCK ADJ 4A 16TSSOP	 ADP2503ACPZ-1.2-R7 ADI (Analog Devices, Inc.)	 ADP2443ACPZN-R7 Analog Devices Inc. IC REG BUCK ADJ 3A 24LFCSP	 ADP2441ACPZ ADI (Analog Devices, Inc.)
 ADP2384ACPZN-R7 Analog Devices Inc. IC REG BUCK ADJ 4A 24LFCSP	 ADP2387ACPZN-R7 Analog Devices Inc. IC REG BUCK ADJ 6A 24LFCSP	 ADP2503ACPZ-2.8-R7 Analog Devices Inc. IC REG BCK BST 2.8V 10LFCSP	 ADP2384ACPZN ADI (Analog Devices, Inc.)	 ADP2503ACPZ-3.3-R7 Analog Devices Inc. IC REG BCK BST 3.3V 10LFCSP	 ADP2384ACPZ ADI (Analog Devices, Inc.)
 ADP2450ACPZ-2-R7 Analog Devices Inc. INDUSTRIAL CIRCUIT BREAKER PMU	 ADP2450ASTZ-3-R7 Analog Devices Inc. INDUSTRIAL CIRCUIT BREAKER PMU	 ADP2386ACPZN-R7 Analog Devices Inc. IC REG BUCK ADJ 6A 24LFCSP	 ADP2386ACPZN ADI (Analog Devices, Inc.)	 ADP2450ASTZ-4-R7 Analog Devices Inc. ADP2450ASTZ-4-R7	 ADP2450ACPZ-1-R7 Analog Devices Inc. INDUSTRIAL CIRCUIT BREAKER PMU

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.

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