



Image may be representation.  
See specifications for product details.



## LTC1821AIGW

Manufacturer Part Number	<b>LTC1821AIGW</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-LTC1821AIGW
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 16BIT V-OUT 36SSOP
Package	36-BSOP (0.295", 7.50mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>

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LTC1821AIGW - Analog Devices Inc..New Original in Stock. Download Linear Technology LTC1821AIGW datasheet/specifications on AllelcoElec.com.  
Request a quote for LTC1821AIGW, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

LTC1821AIGW Tech Specifications  
LTC1821AIGW - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Digital	5V	Number of D/A Converters	1
Voltage - Supply, Analog	±4.5V ~ 16.5V	Number of Bits	16
Supplier Device Package	36-SSOP	Mounting Type	Surface Mount
Settling Time	2µs (Typ)	INL/DNL (LSB)	±0.35, ±0.2
Series	-	Differential Output	No
Reference Type	External	Data Interface	Parallel
Package / Case	36-BSOP (0.295", 7.50mm Width)	Base Product Number	LTC1821
Package	Tube	Architecture	R-2R
Output Type	Voltage - Buffered		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. LTC1821AIGW

Product Attribute				
Part Number	LTC1821AIGW	LTC1821ACGW#TRPBF	LTC1821BCGW#TRPBF	LTC1821-1ACGW#PBF
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Data Interface	Parallel	Parallel	Parallel	Parallel
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Number of D/A Converters	1	1	1	1
Supplier Device Package	36-SSOP	36-SSOP	36-SSOP	36-SSOP
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C
Package / Case	36-BSOP (0.295", 7.50mm Width)	36-BSOP (0.295", 7.50mm Width)	36-BSOP (0.295", 7.50mm Width)	36-BSOP (0.295", 7.50mm Width)
Voltage - Supply, Digital	5V	5V	5V	5V
Architecture	R-2R	R-2R	R-2R	R-2R
Settling Time	2µs (Typ)	2µs (Typ)	2µs (Typ)	2µs (Typ)
Reference Type	External	External	External	External
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Voltage - Supply, Analog	±4.5V ~ 16.5V	±4.5V ~ 16.5V	±4.5V ~ 16.5V	±4.5V ~ 16.5V
Differential Output	No	No	No	No
Base Product Number	LTC1821	LTC1821	LTC1821	LTC1821
INL/DNL (LSB)	±0.35, ±0.2	±0.35, ±0.2	±2 (Max), ±1 (Max)	±0.35, ±0.2
Number of Bits	16	16	16	16

### LTC1821AIGW Datasheet PDF

Download LTC1821AIGW pdf datasheets and Analog Devices Inc. documentation for LTC1821AIGW - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)



















#### PCN Design/Specification

[Cylindrical Battery Holders.pdf](#)

 Cylindrical Battery Holders.pdf

## Customers Also Interested in

### Recommended Products

					
<b>LTC1821ACGW#TRPBF</b> Analog Devices Inc. IC DAC 16BIT V-OUT 36SSOP	<b>LTC1821BCGW#TRPBF</b> Analog Devices Inc. IC DAC 16BIT V-OUT 36SSOP	<b>LTC1821-1ACGW#PBF</b> Analog Devices Inc. IC DAC 16BIT V-OUT 36SSOP	<b>LTC1821-1AIGW#PBF</b> Analog Devices Inc. IC DAC 16BIT V-OUT 36SSOP	<b>LTC1821-1BCGW#PBF</b> Analog Devices Inc. IC DAC 16BIT V-OUT 36SSOP	<b>LTC1821-1BCGW</b> Linear Technology / Analog Devices
					
<b>LTC1821ACGW</b> Linear Technology / Analog Devices	<b>LTC1821BIGW</b> Linear Technology / Analog Devices	<b>LTC1840CGN#TRPBF</b> Analog Devices Inc. IC MOTOR DRVR 2.7V-5.75V 16SSOP	<b>LTC1840IGN#TRPBF</b> Analog Devices Inc. IC MOTOR DRVR 2.7V-5.75V 16SSOP	<b>LTC1821-1ACGW#TRPBF</b> Analog Devices Inc. IC DAC 16BIT V-OUT 36SSOP	<b>LTC1821AIGW#PBF</b> Analog Devices Inc. IC DAC 16BIT V-OUT 36SSOP
					
<b>LTC1821ACGW#PBF</b> Analog Devices Inc. IC DAC 16BIT V-OUT 36SSOP	<b>LTC1821BCGW#PBF</b> Analog Devices Inc. IC DAC 16BIT V-OUT 36SSOP	<b>LTC1821-1AIGW#TRPBF</b> Analog Devices Inc. IC DAC 16BIT V-OUT 36SSOP	<b>LTC1824CGW</b> Linear Technology / Analog Devices	<b>LTC1821AIGW#TRPBF</b> Analog Devices Inc. IC DAC 16BIT V-OUT 36SSOP	<b>LTC1821-1BCGW#TRPBF</b> Analog Devices Inc. IC DAC 16BIT V-OUT 36SSOP

## 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.

 Phone +00852 9146 4856	 Email info@allelco.com
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### Certifications & Memberships



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### Contact us

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