



Image may be representation.
See specifications for product details.



AD6645ASVZ-80

Manufacturer Part Number	AD6645ASVZ-80
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD6645ASVZ-80
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 14BIT PIPELINED 52TQFP
Package	52-TQFP Exposed Pad
Data sheet	AD6645.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD6645ASVZ-80 - Analog Devices Inc..New Original in Stock. Download Linear Technology AD6645ASVZ-80 datasheet/specifications on AllelcoElec.com.
Request a quote for AD6645ASVZ-80, please send us email: info@allelco.com

Specifications

AD6645ASVZ-80 Tech Specifications

AD6645ASVZ-80 - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Number of Inputs	1
Voltage - Supply, Digital	3V ~ 3.6V	Number of Bits	14
Voltage - Supply, Analog	5V	Number of A/D Converters	1
Supplier Device Package	52-TQFP-EP (10x10)	Mounting Type	Surface Mount
Series	-	Input Type	Differential
Sampling Rate (Per Second)	80M	Features	-
Reference Type	Internal	Data Interface	Parallel
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	52-TQFP Exposed Pad	Base Product Number	AD6645
Package	Tray	Architecture	Pipelined
Operating Temperature	-40°C ~ 85°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD6645ASVZ-80

Product Attribute				
Part Number	AD6645ASVZ-80	AD6644AST-40	AD6644ASTZ-65	AD6645ASVZ-105
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Supplier Device Package	52-TQFP-EP (10x10)	52-LQFP (10x10)	52-LQFP (10x10)	52-TQFP-EP (10x10)
Data Interface	Parallel	Parallel	Parallel	Parallel
Number of A/D Converters	1	4	1	1
Operating Temperature	-40°C ~ 85°C	-25°C ~ 85°C	-25°C ~ 85°C	-10°C ~ 85°C
Package	Tray	Bag	Tray	Tray
Ratio - S/H:ADC	1:1	-	1:1	1:1
Features	-	-	-	-
Voltage - Supply, Analog	5V	-	5V	5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Sampling Rate (Per Second)	80M	40M	65M	105M
Input Type	Differential	-	Differential	Differential
Base Product Number	AD6645	AD6644	AD6644	AD6645
Configuration	S/H-ADC	-	S/H-ADC	S/H-ADC
Number of Bits	14	14	14	14
Voltage - Supply, Digital	3V ~ 3.6V	-	3V ~ 3.6V	3V ~ 3.6V
Number of Inputs	1	-	1	1
Package / Case	52-TQFP Exposed Pad	52-LQFP	52-LQFP	52-TQFP Exposed Pad
Architecture	Pipelined	-	Pipelined	Pipelined
Reference Type	Internal	-	Internal	Internal
Series	-	-	-	-

AD6645ASVZ-80 Datasheet PDF

Download AD6645ASVZ-80 pdf datasheets and Analog Devices Inc. documentation for AD6645ASVZ-80 - Analog Devices Inc..

Datasheets

[AD6645.pdf](#)

PCN Assembly/Origin

[Assembly Site Chg 04/Jan/2016.pdf](#)

Other Related Documents



A Selected History on Receiver Innovations over th.pdf

Design Resources



Low Jitter Sampling Clock Generator for High Perfo.pdf

Customers Also Interested in

Recommended Products



AD6644AST-40

Analog Devices Inc.
IC ADC 14BIT 40MSPS 52-LQFP



AD664JN-UNI

Analog Devices Inc.
IC DAC 12BIT V-OUT 28DIP



AD6644ASTZ-65

Analog Devices Inc.
IC ADC 14BIT PIPELINED 52LQFP



AD6645ASQ-105

ADI (Analog Devices, Inc.)



AD664BD-BIP

Analog Devices Inc.
IC DAC 12BIT V-OUT 28CDIP



AD6645ASQZ-105

ADI (Analog Devices, Inc.)



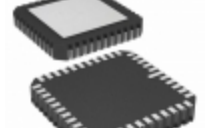
AD6645ASVZ-105

Analog Devices Inc.
IC ADC 14BIT PIPELINED 52TQFP



AD664BD-UNI

Analog Devices Inc.
IC DAC 12BIT V-OUT 28CDIP



AD664BE

Analog Devices Inc.
IC DAC 12BIT V-OUT 44CLCC



AD664AJ

Analog Devices Inc.
IC DAC 12BIT V-OUT 44JLCC



AD6644ASTZ-40

Analog Devices Inc.
IC ADC 14BIT PIPELINED 52LQFP



AD664AD-UNI

Analog Devices Inc.
IC DAC 12BIT V-OUT 28CDIP



AD664AD-BIP

Analog Devices Inc.
IC DAC 12BIT V-OUT 28CDIP



AD6644AST-65

Analog Devices Inc.
IC ADC 14BIT 65MSPS CMOS 52-LQFP



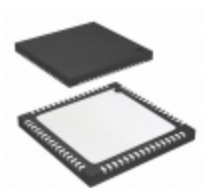
AD6645ASQ-80

ADI (Analog Devices, Inc.)



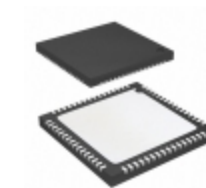
AD664JN-BIP

Analog Devices Inc.
IC DAC 12BIT V-OUT 28DIP



AD6649BCPZRL7

Analog Devices Inc.
IC IF RCVR 14BIT 250MSPS 64LFCSP



AD6649BCPZ

Analog Devices Inc.
IC IF RCVR 14BIT 250MSPS 64LFCSP

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

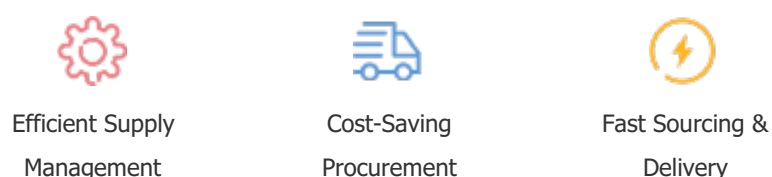
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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