



Image may be representation.
See specifications for product details.



AD7578BQ

Manufacturer Part Number	AD7578BQ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7578BQ
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 12BIT SAR 24CDIP
Package	24-CDIP (0.300", 7.62mm)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7578BQ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7578BQ datasheet/specifications on AllelcoElec.com.
Request a quote for AD7578BQ, please send us email: info@allelco.com

Specifications

AD7578BQ Tech Specifications

AD7578BQ - 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	5V	Number of Bits	12
Voltage - Supply, Analog	+5V, -15V	Number of A/D Converters	1
Supplier Device Package	24-CDIP	Mounting Type	Through Hole
Series	-	Input Type	Single Ended
Sampling Rate (Per Second)	-	Features	-
Reference Type	External	Data Interface	Parallel
Ratio - S/H:ADC	-	Configuration	ADC
Package / Case	24-CDIP (0.300", 7.62mm)	Base Product Number	AD7578
Package	Tube	Architecture	SAR
Operating Temperature	-40°C ~ 85°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7578BQ

Product Attribute				
Part Number	AD7578BQ	AD7580KN	AD7580JN	AD7579JN
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Input Type	Single Ended	-	-	Differential
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C
Package / Case	24-CDIP (0.300", 7.62mm)	24-DIP (0.300", 7.62mm)	24-DIP (0.300", 7.62mm)	24-DIP (0.300", 7.62mm)
Configuration	ADC	-	-	S/H-ADC
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Number of Bits	12	10	10	10
Voltage - Supply, Digital	5V	-	-	5V
Voltage - Supply, Analog	+5V, -15V	-	-	5V
Reference Type	External	-	-	External
Supplier Device Package	24-CDIP	24-PDIP	24-PDIP	24-PDIP
Base Product Number	AD7578	AD7580	AD7580	AD7579
Number of Inputs	1	-	-	2
Ratio - S/H:ADC	-	-	-	1:1
Architecture	SAR	-	-	SAR
Data Interface	Parallel	Parallel	Parallel	Parallel
Features	-	-	-	-
Sampling Rate (Per Second)	-	50k	50k	50k
Number of A/D Converters	1	1	1	1
Package	Tube	Tube	Tube	Tube

AD7578BQ Datasheet PDF

Download AD7578BQ pdf datasheets and Analog Devices Inc. documentation for AD7578BQ - Analog Devices Inc..

Datasheets

Cylindrical Battery Holders.pdf

Customers Also Interested in

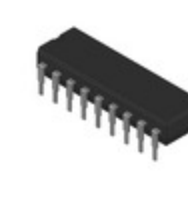
Recommended Products

**AD7575KP+**

ADI (Analog Devices, Inc.)

**AD7580KN**Analog Devices Inc.
IC ADC 10BIT LC2MOS 24-DIP**AD7580JN**Analog Devices Inc.
IC ADC 10BIT LC2MOS 24-DIP**AD7579JN**Analog Devices Inc.
IC ADC 10BIT SAR 24DIP**AD7581JNZ**Analog Devices Inc.
IC DAS/ADC 8BIT 188K 28DIP**AD7578KN**Analog Devices Inc.
IC ADC 12BIT SAR 24DIP**AD7575JP**Analog Devices Inc.
IC ADC 8BIT LC2MOS W/HOLD 20PLCC**AD7575JN**Analog Devices Inc.
IC ADC 8BIT SAR 18DIP**AD7581BQ**Analog Devices Inc.
IC DAS/ADC 8BIT 188K 28CDIP**AD7579KN**Analog Devices Inc.
IC ADC 10BIT SAR 24DIP**AD7576AQ**

ADI (Analog Devices, Inc.)

**AD7576JP**Analog Devices Inc.
8-BIT SAR ADC, PARALLEL ACCESS**AD7575KP**Analog Devices Inc.
IC ADC 8BIT LC2MOS W/HOLD 20PLCC**AD7576KN**Analog Devices Inc.
8-BIT SAR ADC, PARALLEL ACCESS**AD7581JN**Analog Devices Inc.
IC DAS/ADC 8BIT 188K 28DIP**AD7580KNZ**Analog Devices Inc.
IC ADC 10BIT LC2MOS 24DIP**AD7576JN**Analog Devices Inc.
8-BIT SAR ADC, PARALLEL ACCESS**AD7581AQ**Analog Devices Inc.
IC DAS/ADC 8BIT 188K 28CDIP

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.

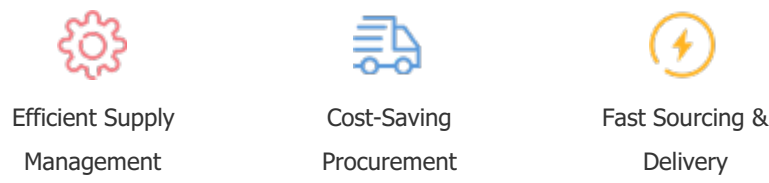
Payment Support

The payment method can be chosen from the methods shown below:

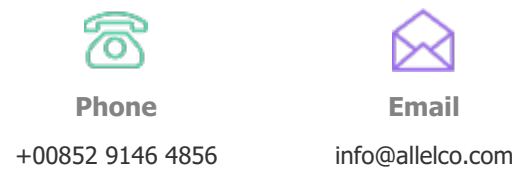
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)



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