



Image may be representation.
See specifications for product details.



AD7606C-16BSTZ

Manufacturer Part Number	AD7606C-16BSTZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD7606C-16BSTZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC ADC 16BIT SAR 64LQFP
Package	64-LQFP
Data sheet	AD7606C-16.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

AD7606C-16BSTZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD7606C-16BSTZ datasheet/specifications on AllelcoElec.com. Request a quote for AD7606C-16BSTZ, please send us email: info@allelco.com

Specifications

AD7606C-16BSTZ Tech Specifications

AD7606C-16BSTZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 125°C
Voltage - Supply, Digital	1.71V ~ 5.25V	Number of Inputs	8
Voltage - Supply, Analog	4.75V ~ 5.25V	Number of Bits	16
Supplier Device Package	64-LQFP (10x10)	Number of A/D Converters	8
Series	-	Mounting Type	Surface Mount
Sampling Rate (Per Second)	1M	Input Type	Differential, Single Ended
Reference Type	External, Internal	Features	PGA, Simultaneous Sampling, True Bipolar, Temperature Sensor
Ratio - S/H:ADC	0:1	Data Interface	Serial, SPI, Parallel
Package / Case	64-LQFP	Configuration	PGA-ADC
Package	Tray	Architecture	SAR

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD7606C-16BSTZ

Product Attribute				
Part Number	AD7606C-16BSTZ	AD7610BSTZ	AD7606C-18BSTZ	AD7612BCPZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Digital	1.71V ~ 5.25V	5V	1.71V ~ 5.25V	5V
Operating Temperature	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 85°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Ratio - S/H:ADC	0:1	1:1	0:1	1:1
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Supplier Device Package	64-LQFP (10x10)	48-LQFP (7x7)	64-LQFP (10x10)	48-LFCSP-VQ (7x7)
Architecture	SAR	SAR	SAR	SAR
Voltage - Supply, Analog	4.75V ~ 5.25V	5V	4.75V ~ 5.25V	5V
Package	Tray	Tray	Tray	Tray
Configuration	PGA-ADC	S/H-ADC	PGA-ADC	S/H-ADC
Features	PGA, Simultaneous Sampling, True Bipolar, Temperature Sensor	True Bipolar	PGA, Simultaneous Sampling	True Bipolar
Number of A/D Converters	8	1	1	1
Data Interface	Serial, SPI, Parallel	SPI, Parallel, DSP	Parallel, Serial	SPI, Parallel, DSP
Series	-	iCMOS®, PulSAR®	-	iCMOS®, PulSAR®
Number of Inputs	8	1	8	1
Sampling Rate (Per Second)	1M	250k	1M	750k
Package / Case	64-LQFP	48-LQFP	64-LQFP	48-VFQFN Exposed Pad, CSP
Input Type	Differential, Single Ended	Differential	Differential, Single Ended	Differential
Number of Bits	16	16	18	16

AD7606C-16BSTZ Datasheet PDF

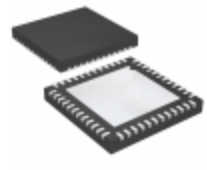
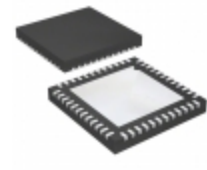
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Datasheets

AD7606C-16.pdf

Customers Also Interested in

Recommended Products

**AD7606BSTZ-6RL**Analog Devices Inc.
IC DAS/ADC 16BIT 200K 64LQFP**AD7606BBSTZ**Analog Devices Inc.
8-CH DAS W/16-BIT, BIPOLAR INPUT**AD7610BSTZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LQFP**AD7607BSTZ**Analog Devices Inc.
IC DAS/ADC 14BIT 200K 64LQFP**AD7606BSTZ-6**Analog Devices Inc.
IC DAS/ADC 16BIT 200K 64LQFP**AD7606BSTZ-4**Analog Devices Inc.
IC DAS/ADC 16BIT 200K 64LQFP**AD760AQ**Analog Devices Inc.
IC DAC 16BIT V-OUT 28CDIP**AD7606BSTZ-RL**Analog Devices Inc.
IC DAS/ADC 16BIT 200K 64LQFP**AD7606BBSTZ-RL**Analog Devices Inc.
8-CH DAS W/16-BIT, BIPOLAR INPUT**AD7606C-18BSTZ**Analog Devices Inc.
IC ADC 18BIT SAR 64LQFP**AD7608BSTZ**Analog Devices Inc.
IC DAS/ADC 18BIT 200K 64LQFP**AD7609BSTZ-RL**Analog Devices Inc.
IC DAS/ADC 18BIT 200K 64LQFP**AD7612BCPZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LFCSP**AD7610BCPZ**Analog Devices Inc.
IC ADC 16BIT SAR 48LFCSP**AD7609BSTZ**Analog Devices Inc.
IC DAS/ADC 18BIT 200K 64LQFP**AD7608BSTZ-RL**Analog Devices Inc.
IC DAS/ADC 18BIT 200K 64LQFP**AD7606BSTZ**Analog Devices Inc.
IC DAS/ADC 16BIT 200K 64LQFP**AD7606BSTZ-4RL**Analog Devices Inc.
IC DAS/ADC 16BIT 200K 64LQFP

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.

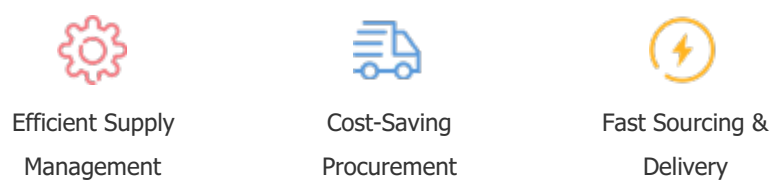
Contact us if you have any questions.

Payment Support

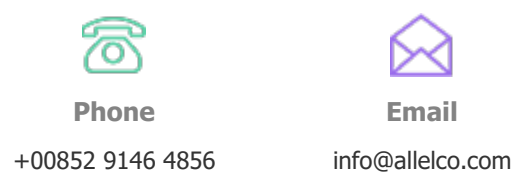
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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