



Image may be representation.
See specifications for product details.



AD1938YSTZ

Manufacturer Part Number	AD1938YSTZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-AD1938YSTZ
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC CODEC 24BIT 4ADC/8DAC 48LQFP
Package	48-LQFP
Data sheet	AD1938.pdf
RoHs Status	Lead free / RoHS Compliant

Get a Quote

AD1938YSTZ - ADI (Analog Devices, Inc.).New Original in Stock. Download Linear Technology AD1938YSTZ datasheet/specifications on AllelcoElec.com.
Request a quote for AD1938YSTZ, please send us email: info@allelco.com

Specifications

AD1938YSTZ Tech Specifications
AD1938YSTZ - ADI (Analog Devices, Inc.) technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Other Names	Q11039048 Q12126519
Voltage - Supply, Digital	3 V ~ 3.6 V	Operating Temperature	-40°C ~ 105°C
Voltage - Supply, Analog	3 V ~ 3.6 V	Number of ADCs / DACs	4 / 8
Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	48-LQFP (7x7)	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Sigma Delta	Yes	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Series	-	Dynamic Range, ADCs / DACs (db) Typ	105 / 106
S/N Ratio, ADCs / DACs (db) Typ	94 / 94	Detailed Description	General Purpose Interface 24 b Serial 48-LQFP (7x7)
Resolution (Bits)	24 b	Data Interface	Serial
Packaging	Tray	Base Part Number	AD1938
Package / Case	48-LQFP		

Parts with Similar Specifications

The three parts on the right have similar specifications to ADI (Analog Devices, Inc.) AD1938YSTZ

Product Attribute				
Part Number	AD1938YSTZ	AD1939YSTZ	AD1938WBSTZ	AD1937WBSTZ
Manufacturer	ADI (Analog Devices, Inc.)	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Detailed Description	General Purpose Interface 24 b Serial 48-LQFP (7x7)	-	-	-
Resolution (Bits)	24 b	24 b	24 b	24 b
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	-	-	-
Dynamic Range, ADCs / DACs (db) Typ	105 / 106	105 / 110	105 / 106	105 / 110
Moisture Sensitivity Level (MSL)	3 (168 Hours)	-	-	-
Series	-	-	Automotive	Automotive
Packaging	Tray	-	-	-
Data Interface	Serial	Serial	Serial	Serial
Other Names	Q11039048 Q12126519	-	-	-
Voltage - Supply, Analog	3 V ~ 3.6 V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Sigma Delta	Yes	Yes	Yes	Yes
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 125°C
Number of ADCs / DACs	4 / 8	4 / 8	4 / 8	4 / 8
Supplier Device Package	48-LQFP (7x7)	64-LQFP (10x10)	48-LQFP (7x7)	64-LQFP (10x10)
S/N Ratio, ADCs / DACs (db) Typ	94 / 94	94 / 94	94 / 94	96 / 96
Base Part Number	AD1938	-	-	-
Package / Case	48-LQFP	64-LQFP	48-LQFP	64-LQFP
Voltage - Supply, Digital	3 V ~ 3.6 V	3V ~ 3.6V	3V ~ 3.6V	3V ~ 3.6V
Type	General Purpose	General Purpose	General Purpose	General Purpose
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

AD1938YSTZ Datasheet PDF



















Download AD1938YSTZ pdf datasheets and ADI (Analog Devices, Inc.) documentation for AD1938YSTZ - ADI (Analog Devices, Inc.).

Datasheets

AD1938.pdf

Customers Also Interested in

Recommended Products

					
AD1940YSTZRL Analog Devices Inc. IC AUDIO 28BIT 192K 48LQFP	AD1940YSTZ Analog Devices Inc. IC AUDIO 28BIT 192K 48LQFP	AD1939YSTZ Analog Devices Inc. IC CODEC 24BIT ADC/DAC 64LQFP	AD1938WBSTZ Analog Devices Inc. IC CODEC 24BIT 4ADC/8DAC 48LQFP	AD1937WBSTZ-R ADI (Analog Devices, Inc.)	AD1941XSTZ ADI (Analog Devices, Inc.)
					
AD1937WBSTZ Analog Devices Inc. IC CODEC 4/ADC DIFF OUT 64-LQFP	AD1939WBSTZ Analog Devices Inc. IC AUDIO CODEC 64LQFP	AD1934YSTZ Analog Devices Inc. IC DAC 24BIT V-OUT 48LQFP	AD1941YSTZ Analog Devices Inc. IC AUDIO 28BIT 192K 48LQFP	AD1938YSTZRL Analog Devices Inc. IC CODEC 24BIT 4ADC/8DAC 48LQFP	AD1937WBSTZ-RL Analog Devices Inc. IC CODEC 4/ADC DIFF OUT 64-LQFP
					
AD1939WBSTZ-RL Analog Devices Inc. IC AUDIO CODEC 64LQFP	AD1941YSTZ-29 Analog Devices Inc. SIGMADSP 28-BIT AUDIO PROCESSOR	AD1939YSTZRL Analog Devices Inc. IC CODEC 24BIT ADC/DAC 64-LQFP	AD1938WBSTZ-RL Analog Devices Inc. IC CODEC 24BIT 4ADC/8DAC 48LQFP	AD1933WBSTZ Analog Devices Inc. IC DAC 24BIT V-OUT 64LQFP	AD1938XSTZ ADI (Analog Devices, Inc.)

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.

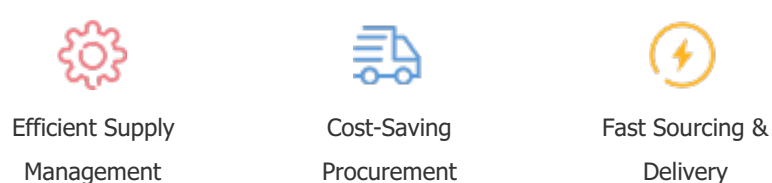
Payment Support

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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