



Image may be representation.
See specifications for product details.



ADAU1401YSTZ

Manufacturer Part Number	ADAU1401YSTZ
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADAU1401YSTZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC AUDIO PROC 28/56BIT 48LQFP
Package	48-LQFP
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

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ADAU1401YSTZ - Analog Devices Inc..New Original in Stock. Download Linear Technology ADAU1401YSTZ datasheet/specifications on AllelcoElec.com.
Request a quote for ADAU1401YSTZ, please send us email: info@allelco.com

Specifications

ADAU1401YSTZ Tech Specifications
ADAU1401YSTZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	-40°C ~ 105°C (TA)
Voltage - I/O	3.30V	On-Chip RAM	12kB
Voltage - Core	1.80V	Non-Volatile Memory	-
Type	Sigma	Mounting Type	Surface Mount
Supplier Device Package	48-LQFP (7x7)	Interface	I ² C, SPI
Series	SigmaDSP®	Clock Rate	50MHz
Package / Case	48-LQFP	Base Product Number	ADAU1401
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADAU1401YSTZ

Product Attribute				
Part Number	ADAU1401YSTZ	ADAU1445YSVZ-3A	ADAU1401YSTZ-RL	ADAU1442YSVZ-3A-RL
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Supplier Device Package	48-LQFP (7x7)	100-TQFP-EP (14x14)	48-LQFP (7x7)	100-TQFP-EP (14x14)
Voltage - Core	1.80V	1.80V	1.80V	1.80V
Package	Tray	Tray	Tape & Reel (TR)	Tape & Reel (TR)
On-Chip RAM	12kB	46kB	12kB	46kB
Base Product Number	ADAU1401	ADAU1445	ADAU1401	ADAU1442
Series	SigmaDSP®	SigmaDSP®	SigmaDSP®	SigmaDSP®
Clock Rate	50MHz	172MHz	50MHz	172MHz
Package / Case	48-LQFP	100-TQFP Exposed Pad	48-LQFP	100-TQFP Exposed Pad
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Non-Volatile Memory	-	-	-	-
Interface	I ² C, SPI	I ² C, SPI	I ² C, SPI	I ² C, SPI
Voltage - I/O	3.30V	3.30V	3.30V	3.30V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Type	Sigma	Sigma	Sigma	Sigma

ADAU1401YSTZ Datasheet PDF

Download ADAU1401YSTZ pdf datasheets and Analog Devices Inc. documentation for ADAU1401YSTZ - Analog Devices Inc..

Datasheets

[Cylindrical Battery Holders.pdf](#)

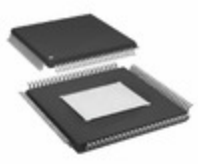
PCN Assembly/Origin

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products

ADAU1372BCPZ	ADAU1445YSVZ-3A	ADAU1361BCPZ-R7	ADAU1401YSTZ-RL		ADAU1381BCPZ
Analog Devices Inc. IC CODEC LP W/HDPH AMP 40LFCSP	Analog Devices Inc. IC SIGMADSP 175MHZ 100TQFP	Analog Devices Inc. IC CODEC 24B PLL 32LFCSP	Analog Devices Inc. IC AUDIO PROC 28/56BIT 48LQFP	Analog Devices Inc. IC AUDIO CODEC STEREO LN 30WLCSP	Analog Devices Inc. IC AUDIO CODEC STEREO LN 32LFCSP



ADAU1442YSVZ-3A-RL

Analog Devices Inc.
IC SIGMADSP 28B 175MHZ 100TQFP

ADAU1381BCBZ

ADI (Analog Devices, Inc.)



ADAU1421YSTZ

ADI (Analog Devices, Inc.)



ADAU1373BCBZ-R7

Analog Devices Inc.
IC CODEC LP W/HDPH AMP 81WLSCP

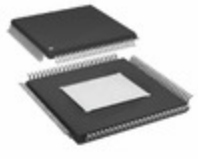
ADAU1450WBCPZ

Analog Devices Inc.
IC AUDIO PROCESSOR 72LFCSP



ADAU1401AWBSTZ

Analog Devices Inc.
IC AUDIO PROC 28/56BIT 48LQFP



ADAU1442YSVZ-3A

Analog Devices Inc.
IC SIGMADSP 28B 175MHZ 100TQFP

ADAU1442YSVZ-3ARL

ADI (Analog Devices, Inc.)



ADAU1401AWBSTZ-RL

Analog Devices Inc.
IC AUDIO PROC 28/56BIT 48LQFP



ADAU1401WBSTZ

ADI (Analog Devices, Inc.)



ADAU1446YSTZ-3A

Analog Devices Inc.
IC SIGMADSP 175MHZ 100LQFP



ADAU1382BCPZ-R7

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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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Certifications & Memberships



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