

AD9742ARUZ



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Part Number: [AD9742ARUZ](#)

Manufacturer: [ADI \(Analog Devices, Inc.\)](#)

Description: IC DAC 12BIT 210MSPS 28-TSSOP

Data sheet:  [AD9742](#)

RoHS Status: Lead free / RoHS Compliant

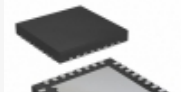
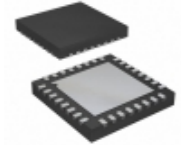
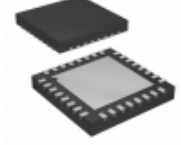
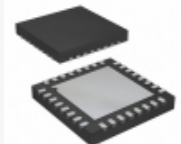
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Request For Quotation

PRODUCT PARAMETER			
Part Number	AD9742ARUZ	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC DAC 12BIT 210MSPS 28-TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	8369 pcs	Data sheet	AD9742
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	2.7 V ~ 3.6 V
Voltage - Supply, Analog	2.7 V ~ 3.6 V	Supplier Device Package	28-TSSOP
Settling Time	11ns (Typ)	Series	TxDAC®
Reference Type	External, Internal	Packaging	Tube
Package / Case	28-TSSOP (0.173", 4.40mm Width)	Output Type	Current - Unbuffered
Operating Temperature	-40°C ~ 85°C	Number of D/A Converters	1
Number of Bits	12	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	11 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	INL/DNL (LSB)	±0.5, ±0.4
Differential Output	Yes	Detailed Description	12 Bit Digital to Analog Converter 1 28-TSSOP
Data Interface	Parallel	Base Part Number	AD9742
Architecture	Current Source		
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RELATED PRODUCTS			
	Part#: AD9744ARUZ Description: IC DAC 14BIT 210MSPS 28-TSSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD9742ACPZ Description: IC DAC 12BIT 210MSPS 32LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD9740ARZRL Description: IC DAC 10BIT 210MSPS 28-SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD9743BCPZRL Description: IC DAC DUAL 10B 250MSPS 72-LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD9740ARZ Description: IC DAC 10BIT 210MSPS 28-SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD9742ARZ Description: IC DAC 12BIT 210MSPS 28-SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD9741-DPG2-EBZ Description: EVAL BOARD FOR AD9741	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD9742ARU Description: IC DAC 12BIT 210MSPS 28-TSSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD9744ACPZRL7 Description: IC DAC 14BIT 210MSPS 32-LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: AD9742ARZRL Description: IC DAC 12BIT 210MSPS 28-SOIC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: AD9742ARUZRL7 Description: IC DAC 12BIT 210MSPS 28-TSSOP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD9744ACP-PCBZ Description: BOARD EVAL FOR AD9744ACP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD9744ACPZ Description: IC DAC 14BIT 210MSPS 32-LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD9741BCPZ Description: IC DAC DUAL 8BIT 250MSPS 72LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD9743-DPG2-EBZ Description: EVAL BOARD FOR AD9743	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD9742ACPZRL7 Description: IC DAC 12BIT 210MSPS 32-LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ

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