



ADI (Analog Devices, Inc.)



Image may be representation. See specifications for product details.

AD9142ABCPZ

Part Number:	AD9142ABCPZ
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description	IC DAC 16BIT SPI/SRL 72LFCSP
Datasheets:	 AD9142ABCPZ.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	1508 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of AD9142ABCPZ

PART NUMBER	AD9142ABCPZ
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	IC DAC 16BIT SPI/SRL 72LFCSP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	1508 pcs
DATA SHEET	 AD9142ABCPZ.pdf
VOLTAGE - SUPPLY, DIGITAL	1.7 V ~ 1.9 V
VOLTAGE - SUPPLY, ANALOG	3.13 V ~ 3.47 V
SUPPLIER DEVICE PACKAGE	72-LFCSP-VQ (10x10)
SETTLING TIME	20ns (Typ)
SERIES	TxDAC+®
REFERENCE TYPE	External, Internal
PACKAGING	Tray
PACKAGE / CASE	72-VFQFN Exposed Pad, CSP
OUTPUT TYPE	Current - Unbuffered
OPERATING TEMPERATURE	-40°C ~ 85°C
NUMBER OF D/A CONVERTERS	2
NUMBER OF BITS	16
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INL/DNL (LSB)	±3.7, ±2.1
DIFFERENTIAL OUTPUT	Yes
DETAILED DESCRIPTION	16 Bit Digital to Analog Converter 2 72-LFCSP-VQ (10x10)
DATA INTERFACE	LVDS - Parallel
BASE PART NUMBER	AD9142
ARCHITECTURE	Oversampling Interpolating DAC

Related Tags

ADI (Analog Devices, Inc.) AD9142ABCPZ	AD9142ABCPZ Distributor	AD9142ABCPZ Supplier
AD9142ABCPZ Price	AD9142ABCPZ Pictures	AD9142ABCPZ Image
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Analog Devices Inc. AD9142ABCPZ	Analog Devices, Inc. AD9142ABCPZ	

Related Products

 AD9142A-M5375-EBZ Manufacturers: ADI (Analog Devices, Inc.) Description: EVAL BOARD FOR AD9142A ADL5375 In stock: 161 pcs RFQ	 AD9142A-M5372-EBZ Manufacturers: ADI (Analog Devices, Inc.) Description: EVAL BOARD FOR AD9142A ADL5372 In stock: 190 pcs RFQ
 AD9144-EBZ Manufacturers: ADI (Analog Devices, Inc.) Description: EVAL BOARD FOR AD9144 In stock: 6682 pcs RFQ	 AD9142BCPZRL Manufacturers: ADI (Analog Devices, Inc.) Description: IC DAC 16BIT SPI/SRL 72LFCSP In stock: 2122 pcs RFQ
 AD9144-FMC-EBZ Manufacturers: ADI (Analog Devices, Inc.) Description: EVAL BOARD FOR AD9144 In stock: 158 pcs RFQ	 AD9142ABCPZRL Manufacturers: ADI (Analog Devices, Inc.) Description: IC DAC 16BIT SPI/SRL 72LFCSP In stock: 1728 pcs RFQ
 AD9142-M5372-EBZ Manufacturers: ADI (Analog Devices, Inc.) Description: EVAL BOARD FOR AD9142 ADL5372 In stock: 187 pcs RFQ	 AD9142-M5375-EBZ Manufacturers: ADI (Analog Devices, Inc.) Description: EVAL BOARD FOR AD9142 ADL5375 In stock: 5546 pcs RFQ
 AD9139BCPZRL Manufacturers: ADI (Analog Devices, Inc.) Description: IC DAC 16BIT 1.6GSPS SINGLE In stock: 3290 pcs RFQ	 AD9144-M6720-EBZ Manufacturers: ADI (Analog Devices, Inc.) Description: EVAL BOARD FOR AD9144 In stock: 3230 pcs RFQ
 AD9142BCPZ Manufacturers: ADI (Analog Devices, Inc.) Description: IC DAC 16BIT SPI/SRL 72-LFCSP In stock: 1545 pcs RFQ	 AD9139BCPZ Manufacturers: ADI (Analog Devices, Inc.) Description: IC DAC 16BIT 1600MSPS 72LFCSP In stock: 1933 pcs RFQ