



ADI (Analog Devices, Inc.)



AHEAD OF WHAT'S POSSIBLE™

AD9142BCPZRL

Part Number:	AD9142BCPZRL
Manufacturer/Brand:	ADI (Analog Devices, Inc.)
Product description	IC DAC 16BIT SPI/SRL 72LFCSP
Datasheets:	 AD9142BCPZRL.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

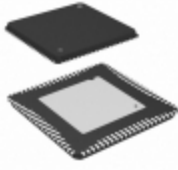
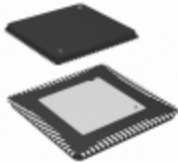
Specifications of AD9142BCPZRL

PART NUMBER	AD9142BCPZRL
MANUFACTURER	ADI (Analog Devices, Inc.)
DESCRIPTION	IC DAC 16BIT SPI/SRL 72LFCSP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 AD9142BCPZRL.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	Tape & Reel (TR)
PACKAGE / CASE	72-VFQFN Exposed Pad, CSP
OUTPUT TYPE	Current - Unbuffered
OTHER NAMES	AD9142BCPZRL-ND AD9142BCPZRLTR
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)
MANUFACTURER STANDARD LEAD TIME	10 Weeks
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.) AD9142BCPZRL	AD9142BCPZRL Distributor	AD9142BCPZRL Supplier
AD9142BCPZRL Price	AD9142BCPZRL Pictures	AD9142BCPZRL Image
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Related Products

 AHEAD OF WHAT'S POSSIBLE™ AD9144BCPZ Manufacturers: ADI (Analog Devices, Inc.) Description: IC DAC QUAD 16BIT 2.8GSPS 88LFCS In stock: 64 pcs RFQ	 AD9142A-M5375-EBZ Manufacturers: ADI (Analog Devices, Inc.) Description: EVAL BOARD FOR AD9142A ADL5375 In stock: Out stock RFQ
 AHEAD OF WHAT'S POSSIBLE™ AD9142ABCPZ Manufacturers: ADI (Analog Devices, Inc.) Description: IC DAC 16BIT SPI/SRL 72LFCSP In stock: 70 pcs RFQ	 AD9144BCPAZ Manufacturers: ADI (Analog Devices, Inc.) Description: IC DAC QUAD 16BIT 2.8GSPS 88LFCS In stock: 4 pcs RFQ
 AD9144-M6720-EBZ Manufacturers: ADI (Analog Devices, Inc.) Description: EVAL BOARD FOR AD9144 In stock: Out stock RFQ	 AD9142-M5375-EBZ Manufacturers: ADI (Analog Devices, Inc.) Description: EVAL BOARD FOR AD9142 ADL5375 In stock: Out stock RFQ
 AD9144-FMC-EBZ Manufacturers: ADI (Analog Devices, Inc.) Description: EVAL BOARD FOR AD9144 In stock: 10 pcs RFQ	 AD9144BCPAZRL Manufacturers: ADI (Analog Devices, Inc.) Description: IC DAC QUAD 16BIT 2.8GSPS 88LFCS In stock: Out stock RFQ
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