



AD9154BCPAZRL Information



For Reference Only

Part Number AD9154BCPAZRL

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 16BIT 2GSPS QUAD 88LFCSP

Package 88-VFQFN Exposed Pad, CSP

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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AD9154BCPAZRL Specifications

Manufacturer Part Number AD9154BCPAZRL Manufacturer Analog Devices Inc. Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 88-VFQFN Exposed Pad, CSP Series TxDAC+? Number of Bits 16 Number of D/A Converters 4 Settling Time - Output Type Current - Unbuffered Differential Output Yes Data Interface JESD204B Reference Type Internal Voltage - Supply, Analog 3.13 V ~ 3.47 V Voltage - Supply, Digital 1.14 V ~ 1.26 V INL/DNL (LSB) ±8.2, ±4.3 Architecture Quad-Switch Operating Temperature -40°C ~ 85°C Package / Case 88-VFQFN Exposed Pad, CSP Supplier Device Package 88-LFCSP-VQ (12x12) Mounting Type -		
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Number of Bits Number of D/A Converters 4 Settling Time - Output Type Current - Unbuffered Differential Output Yes Data Interface JESD204B Reference Type Internal Voltage - Supply, Analog Voltage - Supply, Digital 1.14 V ~ 1.26 V INL/DNL (LSB) 48.2, ±4.3 Architecture Quad-Switch Operating Temperature -40°C ~ 85°C Package / Case 88-VFQFN Exposed Pad, CSP Supplier Device Package Mounting Type - 16 Current - Unbuffered 1.0 40°C ~ 85°C Package / Case 88-VFQFN Exposed Pad, CSP Supplier Device Package Mounting Type - - - - - - - - - - - - -	Package	88-VFQFN Exposed Pad, CSP
Number of D/A Converters Settling Time Output Type Current - Unbuffered Differential Output Yes Data Interface JESD204B Reference Type Internal Voltage - Supply, Analog Voltage - Supply, Digital 1.14 V ~ 1.26 V INL/DNL (LSB) ±8.2, ±4.3 Architecture Quad-Switch Operating Temperature -40°C ~ 85°C Package / Case 88-VFQFN Exposed Pad, CSP Supplier Device Package Mounting Type - Current - Unbuffered -40°C ~ 85°C	Series	TxDAC+?
Settling Time - Current - Unbuffered Differential Output Yes Data Interface JESD204B Reference Type Internal Voltage - Supply, Analog 3.13 V ~ 3.47 V Voltage - Supply, Digital 1.14 V ~ 1.26 V INL/DNL (LSB) ±8.2, ±4.3 Architecture Quad-Switch Operating Temperature -40°C ~ 85°C Package / Case 88-VFQFN Exposed Pad, CSP Supplier Device Package 88-LFCSP-VQ (12x12) Mounting Type -	Number of Bits	16
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Differential Output Data Interface JESD204B Reference Type Internal Voltage - Supply, Analog Voltage - Supply, Digital Internal 1.14 V ~ 1.26 V INL/DNL (LSB) Architecture Quad-Switch Operating Temperature -40°C ~ 85°C Package / Case 88-VFQFN Exposed Pad, CSP Supplier Device Package Mounting Type - Yes Internal 3.13 V ~ 3.47 V 4.26 V 4.26 V 4.36 Architecture Quad-Switch CSP Supplier Device Package 88-VFQFN Exposed Pad, CSP	Settling Time	-
Data Interface Reference Type Internal Voltage - Supply, Analog Voltage - Supply, Digital Internal Internal Internal Voltage - Supply, Digital Internal Inte	Output Type	Current - Unbuffered
Reference Type Internal Voltage - Supply, Analog 3.13 V ~ 3.47 V Voltage - Supply, Digital 1.14 V ~ 1.26 V INL/DNL (LSB) 48.2, ±4.3 Architecture Quad-Switch Operating Temperature -40°C ~ 85°C Package / Case 88-VFQFN Exposed Pad, CSP Supplier Device Package 88-LFCSP-VQ (12x12) Mounting Type - Internal A.13 V ~ 3.47 V C.26 V Exposed V Exposed V Exposed V Exposed Pad, CSP Supplier Device Package 88-LFCSP-VQ (12x12)	Differential Output	Yes
Voltage - Supply, Analog $3.13 \text{ V} \sim 3.47 \text{ V}$ Voltage - Supply, Digital $1.14 \text{ V} \sim 1.26 \text{ V}$ INL/DNL (LSB) $\pm 8.2, \pm 4.3$ ArchitectureQuad-SwitchOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $88\text{-VFQFN Exposed Pad, CSP}$ Supplier Device Package $88\text{-LFCSP-VQ (12x12)}$ Mounting Type-	Data Interface	JESD204B
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$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Voltage - Supply, Analog	3.13 V ~ 3.47 V
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Package / Case 88-VFQFN Exposed Pad, CSP Supplier Device Package 88-LFCSP-VQ (12x12) Mounting Type -	Architecture	Quad-Switch
Supplier Device Package 88-LFCSP-VQ (12x12) Mounting Type -	Operating Temperature	-40°C ~ 85°C
Mounting Type -	Package / Case	88-VFQFN Exposed Pad, CSP
	Supplier Device Package	88-LFCSP-VQ (12x12)
Report errors?	Mounting Type	-
<u> </u>		Report errors?

AD9154BCPAZRL Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

AD9154BCPAZRL Payment Methods



















AD9154BCPAZRL Shipping Methods













If you have any question about AD9154BCPAZRL, please do not hesitate to contact us!

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