

# AD5390BCPZ-5

### **AD5390BCPZ-5 Information**

Munchelsener.com		AD5390BCPZ-5 Analog Devices Inc. Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC)	
	Description	IC DAC 14BIT 16CHAN 5V 64LFCSP	
	Package	64-VFQFN Exposed Pad, CSP	i ni Gally
For Reference Only		For the pricing/inventory/lead time, please contact	E19.#724
		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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# **AD5390BCPZ-5** Specifications

Manufacturer Part NumberAD5390BCPZ-5ManufacturerAnalog Devices Inc.CategoryIntegrated Circuits (ICs)Data Acquisition - Digital to Analog Converters (DAC)Package64-VFQFN Exposed Pad, CSPSeries-Number of Bits14Number of D/A Converters16Settling Time8µsOutput TypeVoltage - BufferedDifferential OutputNoData Interface12C, SPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital2,7 V ~ 5.5 VINL/DNL (LSB)±3 (Max), -1/+2 (Max)Operating Temperature-40°C ~ 85°C		
CategoryIntegrated Circuits (ICs)Data Acquisition - Digital to Analog Converters (DAC)Package64-VFQFN Exposed Pad, CSPSeries-Number of Bits14Number of D/A Converters16Settling Time8µsOutput TypeVoltage - BufferedDifferential OutputNoData Interface12C, SPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital2.7 V ~ 5.5 VInL/DNL (LSB)String DAC	Manufacturer Part Number	AD5390BCPZ-5
Data Acquisition - Digital to Analog Converters (DAC)Package64-VFQFN Exposed Pad, CSPSeries-Number of Bits14Number of D/A Converters16Settling Time8µsOutput TypeVoltage - BufferedDifferential OutputNoData Interface12C, SPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±3 (Max), -1/+2 (Max)ArchitectureString DAC	Manufacturer	Analog Devices Inc.
Package64-VFQFN Exposed Pad, CSPSeries-Number of Bits14Number of D/A Converters16Settling Time&µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceI2C, SPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±3 (Max), -1/+2 (Max)ArchitectureString DAC	Category	Integrated Circuits (ICs)
Series-Number of Bits14Number of D/A Converters16Setting Time8µsOutput TypeVoltage - BufferedDifferential OutputNoData Interface1C, SPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)Sting DAC		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits14Number of D/A Converters16Settling Time8µsOutput TypeVoltage - BulferedDifferential OutputNoData Interface12C, SPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)Sting DAC	Package	64-VFQFN Exposed Pad, CSP
Number of D/A Converters16Settling Time8µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceI2C, SPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±3 (Max), -1/+2 (Max)ArchitectureString DAC	Series	-
Settling Time8µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceI2C, SPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±3 (Max), -1/+2 (Max)ArchitectureString DAC	Number of Bits	14
Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2C, SPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±3 (Max), -1/+2 (Max)ArchitectureString DAC	Number of D/A Converters	16
Differential OutputNoData InterfaceI2C, SPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±3 (Max), -1/+2 (Max)ArchitectureString DAC	Settling Time	8µs
Data InterfaceI2C, SPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±3 (Max), -1/+2 (Max)ArchitectureString DAC	Output Type	Voltage - Buffered
Reference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±3 (Max), -1/+2 (Max)ArchitectureString DAC	Differential Output	No
Voltage - Supply, Analog5VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±3 (Max), -1/+2 (Max)ArchitectureString DAC	Data Interface	I2C, SPI, DSP
Voltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±3 (Max), -1/+2 (Max)ArchitectureString DAC	Reference Type	External, Internal
INL/DNL (LSB)   ±3 (Max), -1/+2 (Max)     Architecture   String DAC	Voltage - Supply, Analog	5V
Architecture String DAC	Voltage - Supply, Digital	2.7 V ~ 5.5 V
	INL/DNL (LSB)	±3 (Max), -1/+2 (Max)
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Architecture	String DAC
	Operating Temperature	-40°C ~ 85°C
Package / Case 64-VFQFN Exposed Pad, CSP	Package / Case	64-VFQFN Exposed Pad, CSP
Supplier Device Package64-LFCSP-VQ (9x9)	Supplier Device Package	64-LFCSP-VQ (9x9)
Mounting Type -	Mounting Type	-
Report errors?		Report errors?

#### **AD5390BCPZ-5** 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 EUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### **AD5390BCPZ-5** Payment Methods





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