

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





If you have any question about AD5390BCPZ-5, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com