



AD5532HSABCZ Information



For Reference Only

Part Number AD5532HSABCZ

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 14BIT 32CH HS 74CSBGA

Package 74-LBGA, CSPBGA

For the pricing/inventory/lead time, please contact

us

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



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Manufacturer Part Number AD5532HSABCZ Manufacturer Analog Devices Inc. Category Integrated Circuits (ICs) Package 74-LBGA, CSPBGA Series - Number of Bits 14 Number of D/A Converters 32 Settling Time 30µs Output Type Voltage - Unbuffered Differential Output No Data Interface Parallel, SPI Reference Type External Voltage - Supply, Analog 5V, 8 V ~ 16.5 V, ~4.75 V ~ 16.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±0.39 (Max), ±1 (Max) Architecture - Operating Temperature -40°C ~ 85°C Package / Case 74-LBGA, CSPBGA Supplier Device Package 74-CSPBGA (12x12) Mounting Type -		
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Series - Number of Bits 14 Number of D/A Converters 32 Settling Time 30μs Output Type Voltage - Unbuffered Differential Output No Data Interface Parallel, SPI Reference Type External Voltage - Supply, Analog 5V, 8 V ~ 16.5 V, -4.75 V ~ 16.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±0.39 (Max), ±1 (Max) Architecture - Operating Temperature -40°C ~ 85°C Package / Case 74-LBGA, CSPBGA Supplier Device Package 74-CSPBGA (12x12) Mounting Type -		Data Acquisition - Digital to Analog Converters (DAC)
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Number of D/A Converters32Settling Time30μsOutput TypeVoltage - UnbufferedDifferential OutputNoData InterfaceParallel, SPIReference TypeExternalVoltage - Supply, Analog5V, 8 V ~ 16.5 V, -4.75 V ~ 16.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.39 (Max), ±1 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / Case74-LBGA, CSPBGASupplier Device Package74-CSPBGA (12x12)Mounting Type-	Series	-
Settling Time 30µs Output Type Voltage - Unbuffered Differential Output No Data Interface Parallel, SPI Reference Type External Voltage - Supply, Analog 5V, 8 V ~ 16.5 V, -4.75 V ~ 16.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±0.39 (Max), ±1 (Max) Architecture -40°C ~ 85°C Package / Case 74-LBGA, CSPBGA Supplier Device Package 74-CSPBGA (12x12) Mounting Type -	Number of Bits	14
Output TypeVoltage - UnbufferedDifferential OutputNoData InterfaceParallel, SPIReference TypeExternalVoltage - Supply, Analog5V, 8 V ~ 16.5 V, -4.75 V ~ 16.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.39 (Max), ±1 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / Case74-LBGA, CSPBGASupplier Device Package74-CSPBGA (12x12)Mounting Type-	Number of D/A Converters	32
Differential Output Data Interface Parallel, SPI Reference Type External Voltage - Supply, Analog 5V, 8 V ~ 16.5 V, -4.75 V ~ 16.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) 40.39 (Max), ±1 (Max) Architecture Operating Temperature -40°C ~ 85°C Package / Case 74-LBGA, CSPBGA Supplier Device Package Mounting Type -	Settling Time	30μs
Data InterfaceParallel, SPIReference TypeExternalVoltage - Supply, Analog5V, 8 V ~ 16.5 V, -4.75 V ~ 16.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.39 (Max), ±1 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / Case74-LBGA, CSPBGASupplier Device Package74-CSPBGA (12x12)Mounting Type-	Output Type	Voltage - Unbuffered
Reference Type External Voltage - Supply, Analog 5V, 8 V ~ 16.5 V, -4.75 V ~ 16.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±0.39 (Max), ±1 (Max) Architecture -40°C ~ 85°C Package / Case 74-LBGA, CSPBGA Supplier Device Package 74-CSPBGA (12x12) Mounting Type -	Differential Output	No
Voltage - Supply, Analog 5V, 8 V ~ 16.5 V, -4.75 V ~ 16.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) 4co.39 (Max), ±1 (Max) Architecture Operating Temperature -40°C ~ 85°C Package / Case 74-LBGA, CSPBGA Supplier Device Package 74-CSPBGA (12x12) Mounting Type -	Data Interface	Parallel, SPI
Voltage - Supply, Digital 2.7 V \sim 5.5 V INL/DNL (LSB) \pm 0.39 (Max), \pm 1 (Max) Architecture - Coperating Temperature -40°C \sim 85°C Package / Case 74-LBGA, CSPBGA Supplier Device Package 74-CSPBGA (12x12) Mounting Type -	Reference Type	External
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Architecture - Operating Temperature -40°C ~ 85°C Package / Case 74-LBGA, CSPBGA Supplier Device Package 74-CSPBGA (12x12) Mounting Type -	Voltage - Supply, Digital	2.7 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C Package / Case 74-LBGA, CSPBGA Supplier Device Package 74-CSPBGA (12x12) Mounting Type -	INL/DNL (LSB)	±0.39 (Max), ±1 (Max)
Package / Case 74-LBGA, CSPBGA Supplier Device Package 74-CSPBGA (12x12) Mounting Type -	Architecture	-
Supplier Device Package 74-CSPBGA (12x12) Mounting Type -	Operating Temperature	-40°C ~ 85°C
Mounting Type -	Package / Case	74-LBGA, CSPBGA
	Supplier Device Package	74-CSPBGA (12x12)
Report errors?	Mounting Type	-
		Report errors?

AD5532HSABCZ 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.

AD5532HSABCZ Payment Methods





















AD5532HSABCZ Shipping Methods













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