

# HI5731BIBZ

#### **HI5731BIBZ Information**

	Part Number	HI5731BIBZ	
Anna Leisener com	Manufacturer	Renesas Electronics America	
	Category	Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC)	
	Description	DAC 12BIT 100MHZ 5.2V 28-SOIC	
	Package	28-SOIC (0.295", 7.50mm Width)	回花的热望
or Reference Only		For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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## **HI5731BIBZ** Specifications

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC)Package28-SOIC (0.295", 7.50mm Width)Series-Number of Bits12Number of D/A Converters1Settling Time20ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Digital5VVoltage - Supply, Digital5VNurbur of D/A Converters0.75, 0.5ArchitectureR-2R, Segmented DACOperating Temperature40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)		
CategoryIntegrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC)Package28-SOIC (0.295", 7.50mm Width)Series-Number of Bits12Number of D/A Converters1Settling Time20ns (Typ)Output TypeCurrent - UnbufferedData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Digital5VVoltage - Supply, Digital5VNurber of D/A Converters6.75, 0.5ArchitectureR-2R, Segmented DACOperating Temperature4.0°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device PackageSurface Mount	Manufacturer Part Number	HI5731BIBZ
Data Acquisition - Digital to Analog Converters (DAC)Package28-SOIC (0.295", 7.50mm Width)Series-Number of Bits12Number of D/A Converters1Settling Time20ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital±5VINL/DNL (LSB)0.75, 0.5ArchitectureR-2R, Segmented DACOperating Temperature24-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	Manufacturer	Renesas Electronics America
Package28-SOIC (0.295", 7.50mm Width)Series-Number of Bits12Number of D/A Converters1Settling Time20ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital±5VINL/DNL (LSB)0.75, 0.5ArchitectureR-2R, Segmented DACOperating Temperature40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device PackageSurface Mount	Category	Integrated Circuits (ICs)
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Number of Bits12Number of D/A Converters1Settling Time20ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital±5VINL/DNL (LSB)0.75, 0.5ArchitectureR-2R, Segmented DACOperating Temperature28-SOIC (0.295", 7.50mm Width)Supplier Device PackageSurface MountMounting TypeSurface Mount	Package	28-SOIC (0.295", 7.50mm Width)
Number of D/A Converters1Settling Time20ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital±5VINL/DNL (LSB)0.75, 0.5Architecture-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device PackageSurface MountMounting TypeSurface Mount	Series	-
Settling Time20ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital±5VINL/DNL (LSB)0.75, 0.5Architecture-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	Number of Bits	12
Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital±5VINL/DNL (LSB)0.75, 0.5ArchitectureR-2R, Segmented DACOperating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device PackageSufface Mount	Number of D/A Converters	1
Differential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital±5VINL/DNL (LSB)0.75, 0.5ArchitectureR-2R, Segmented DACOperating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	Settling Time	20ns (Typ)
Data InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital±5VINL/DNL (LSB)0.75, 0.5ArchitectureR-2R, Segmented DACOperating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device PackageSurface MountMounting TypeSurface Mount	Output Type	Current - Unbuffered
Reference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital±5VINL/DNL (LSB)0.75, 0.5ArchitectureR-2R, Segmented DACOperating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	Differential Output	Yes
Voltage - Supply, Analog5VVoltage - Supply, Digital±5VINL/DNL (LSB)0.75, 0.5ArchitectureR-2R, Segmented DACOperating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	Data Interface	Parallel
Voltage - Supply, Digital±5VINL/DNL (LSB)0.75, 0.5ArchitectureR-2R, Segmented DACOperating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	Reference Type	External, Internal
INL/DNL (LSB)0.75, 0.5ArchitectureR-2R, Segmented DACOperating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	Voltage - Supply, Analog	5V
ArchitectureR-2R, Segmented DACOperating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	Voltage - Supply, Digital	±5V
Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	INL/DNL (LSB)	0.75, 0.5
Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	Architecture	R-2R, Segmented DAC
Supplier Device Package28-SOICMounting TypeSurface Mount	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Package / Case	28-SOIC (0.295", 7.50mm Width)
	Supplier Device Package	28-SOIC
Report errors?	Mounting Type	Surface Mount
		Report errors?

#### **HI5731BIBZ** 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.

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# HI5731BIBZ Payment Methods



# HI5731BIBZ Shipping Methods



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