

# HI5760/6IBZ

### HI5760/6IBZ Information

the server com	Part Number Manufacturer Category	HI5760/6IBZ Renesas Electronics America Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC)	
	Description Package	CONV D/A 10BIT 60MSPS 28-SOIC 28-SOIC (0.295", 7.50mm Width)	
For Reference Only	3	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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# HI5760/6IBZ Specifications

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC)Package28-SOIC (0.295", 7.50mm Width)Series-Number of Bits10Number of D/A Converters1Settling Time35ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Digital2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VArchitectureCurrent SourceOperating Temperature4.0°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device PackageSurface Mount		
CategoryIntegrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC)Package28-SOIC (0.295", 7.50mm Width)Series-Number of Bits10Number of D/A Converters1Settling Time35ns (Typ)Output TypeCurrent - UnbufferedData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VNurbert Gurrent Supply40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device PackageSurface MountSurface Mount28-SOIC	Manufacturer Part Number	HI5760/6IBZ
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Package28-SOIC (0.295", 7.50mm Width)Series-Number of Bits10Number of D/A Converters1Settling Time35ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.5, ±0.25ArchitectureCurrent SourceOperating Temperature40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device PackageSurface Mount	Category	Integrated Circuits (ICs)
Series-Number of Bits10Number of D/A Converters1Settling Time35ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.5, ±0.25ArchitectureCurrent SourceOperating Temperature40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Mounting TypeSurface Mount		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits10Number of D/A Converters1Settling Time35ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital40.5, ±0.25INL/DNL (LSB)±0.5, ±0.25ArchitectureCurrent SourceOperating Temperature4.0°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device PackageSurface Mount	Package	28-SOIC (0.295", 7.50mm Width)
Number of D/A Converters1Settling Time35ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital±0.5, ±0.25INL/DNL (LSB)±0.5, ±0.25ArchitectureCurrent SourceOperating Temperature40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device PackageSurface Mount	Series	-
Settling Time35ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.5, ±0.25ArchitectureCurrent SourceOperating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device PackageSurface Mount	Number of Bits	10
Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.5, ±0.25ArchitectureCurrent SourceOperating 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, Analog $2.7 V \sim 5.5 V$ Voltage - Supply, Digital $2.7 V \sim 5.5 V$ Voltage - Supply, Digital $2.7 V \sim 5.5 V$ INL/DNL (LSB) $\pm 0.5, \pm 0.25$ ArchitectureCurrent SourceOperating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	Settling Time	35ns (Typ)
Data InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog $2.7 V \sim 5.5 V$ Voltage - Supply, Digital $2.7 V \sim 5.5 V$ INL/DNL (LSB) $\pm 0.5, \pm 0.25$ ArchitectureCurrent SourceOperating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device PackageSurface MountMounting TypeSurface Mount	Output Type	Current - Unbuffered
Reference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.5, ±0.25ArchitectureCurrent SourceOperating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	Differential Output	Yes
Voltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.5, ±0.25ArchitectureCurrent SourceOperating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	Data Interface	Parallel
Voltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.5, ±0.25ArchitectureCurrent SourceOperating 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)±0.5, ±0.25ArchitectureCurrent SourceOperating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	Voltage - Supply, Analog	2.7 V ~ 5.5 V
ArchitectureCurrent SourceOperating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	Voltage - Supply, Digital	2.7 V ~ 5.5 V
Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	INL/DNL (LSB)	$\pm 0.5, \pm 0.25$
Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSurface Mount	Architecture	Current Source
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?

#### HI5760/6IBZ 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 BUARANTEE

#### **Service Guarantees**

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

# HI5760/6IBZ Payment Methods



# HI5760/6IBZ Shipping Methods



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