

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

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



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
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, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)4.05, ±0.25ArchitectureCurrent SourceOperating Temperature4.0°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device PackageSesOICMounting TypeSurface Mount	Manufacturer	Renesas Electronics America
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



If you have any question about HI5760/6IBZ, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com