



HI5960IA Information



For Reference Only

Part Number HI5960IA Manufacturer Intersil

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description CONV D/A 14BIT 130MSPS 28-TSSOP **Package** 28-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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



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HI5960IA Specifications

Manufacturer Part Number H15960IA Manufacturer Intersil Category Integrated Circuits (ICs) Package 28-TSSOP (0.173", 4.40mm Width) Series - Number of Bits 14 Number of D/A Converters 1 Settling Time 35ns (Typ) Output Type Current - Unbuffered Differential Output Yes Data Interface Parallel Reference Type Exernal, Internal Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±2.5, ±1.5 Architecture Current Source Operating Temperature -40°C ~ 85°C Package / Case 28-TSSOP (0.173", 4.40mm Width) Supplier Device Package 28-TSSOP Mounting Type -		
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Package 28-TSSOP (0.173", 4.40mm Width) Series - Number of Bits 14 Number of D/A Converters 1 Settling Time 35ns (Typ) Output Type Current - Unbuffered Differential Output Yes Data Interface Parallel Reference Type External, Internal Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±2.5, ±1.5 Architecture Current Source Operating Temperature -40°C ~ 85°C Package / Case 28-TSSOP (0.173", 4.40mm Width) Supplier Device Package 28-TSSOP Mounting Type -	Category	Integrated Circuits (ICs)
Series - Number of Bits 14 Number of D/A Converters 1 Settling Time 35ns (Typ) Output Type Current - Unbuffered Differential Output Yes Data Interface Parallel Reference Type External, Internal Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±2.5, ±1.5 Architecture Current Source Operating Temperature -40°C ~ 85°C Package / Case 28-TSSOP (0.173", 4.40mm Width) Supplier Device Package 28-TSSOP Mounting Type -		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits Number of D/A Converters 1 Settling Time 35ns (Typ) Output Type Current - Unbuffered Differential Output Yes Data Interface Parallel Reference Type External, Internal Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) 42.5, ±1.5 Architecture Operating Temperature -40°C ~ 85°C Package / Case 28-TSSOP (0.173", 4.40mm Width) Supplier Device Package Mounting Type -40°C ~ 85°C	Package	28-TSSOP (0.173", 4.40mm Width)
Number 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)±2.5, ±1.5ArchitectureCurrent SourceOperating Temperature-40°C ~ 85°CPackage / Case28-TSSOP (0.173", 4.40mm Width)Supplier Device Package28-TSSOPMounting Type-	Series	-
Settling Time 35ns (Typ) Output Type Current - Unbuffered Differential Output Yes Data Interface Parallel Reference Type External, Internal Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±2.5, ±1.5 Architecture Current Source Operating Temperature -40°C ~ 85°C Package / Case 28-TSSOP (0.173", 4.40mm Width) Supplier Device Package Mounting Type -	Number of Bits	14
Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±2.5, ±1.5ArchitectureCurrent SourceOperating Temperature-40°C ~ 85°CPackage / Case28-TSSOP (0.173", 4.40mm Width)Supplier Device Package28-TSSOPMounting Type-	Number of D/A Converters	1
Differential Output Parallel Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) Architecture Current Source Operating Temperature -40°C ~ 85°C Package / Case 28-TSSOP (0.173", 4.40mm Width) Supplier Device Package Mounting Type - Yes Parallel External, Internal 2.7 V ~ 5.5 V Current Current 2.7 V ~ 5.5 V 4.40mm Width) Supplier Device Package - Mounting Type -	Settling Time	35ns (Typ)
Data InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±2.5, ±1.5ArchitectureCurrent SourceOperating Temperature-40°C ~ 85°CPackage / Case28-TSSOP (0.173", 4.40mm Width)Supplier Device Package28-TSSOPMounting Type-	Output Type	Current - Unbuffered
Reference TypeExternal, InternalVoltage - Supply, Analog $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Supply, Digital $2.7 \text{ V} \sim 5.5 \text{ V}$ INL/DNL (LSB) $\pm 2.5, \pm 1.5$ ArchitectureCurrent SourceOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 28-TSSOP (0.173° , 4.40mm Width)Supplier Device Package 28-TSSOP Mounting Type-	Differential Output	Yes
Voltage - Supply, Analog $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Supply, Digital $2.7 \text{ V} \sim 5.5 \text{ V}$ INL/DNL (LSB) $\pm 2.5, \pm 1.5$ ArchitectureCurrent SourceOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 28-TSSOP (0.173° , 4.40mm Width)Supplier Device Package 28-TSSOP Mounting Type-	Data Interface	Parallel
Voltage - Supply, Digital $2.7 \text{ V} \sim 5.5 \text{ V}$ INL/DNL (LSB) $\pm 2.5, \pm 1.5$ ArchitectureCurrent SourceOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 28-TSSOP (0.173", 4.40mm Width)Supplier Device Package 28-TSSOP Mounting Type-	Reference Type	External, Internal
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Architecture Current Source Operating Temperature -40°C ~ 85°C Package / Case 28-TSSOP (0.173", 4.40mm Width) Supplier Device Package 28-TSSOP Mounting Type -	Voltage - Supply, Digital	2.7 V ~ 5.5 V
Operating Temperature -40°C ~ 85°C Package / Case 28-TSSOP (0.173", 4.40mm Width) Supplier Device Package 28-TSSOP Mounting Type -	INL/DNL (LSB)	$\pm 2.5, \pm 1.5$
Package / Case 28-TSSOP (0.173", 4.40mm Width) Supplier Device Package 28-TSSOP Mounting Type -	Architecture	Current Source
Supplier Device Package 28-TSSOP Mounting Type -	Operating Temperature	-40°C ~ 85°C
Mounting Type -	Package / Case	28-TSSOP (0.173", 4.40mm Width)
	Supplier Device Package	28-TSSOP
Report errors?	Mounting Type	-
		Report errors?

HI5960IA 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.

HI5960IA Payment Methods

































If you have any question about HI5960IA, please do not hesitate to contact us!

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