



HI5960IAZ-T Information



For Reference Only

Part Number HI5960IAZ-T 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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HI5960IAZ-T Specifications

Manufacturer Part Number HI5960IAZ-T Manufacturer Intersil Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) 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 (L/SB) ±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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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) 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 Current Source Operating Temperature -40°C ~ 85°C Package / Case 28-TSSOP (0.173", 4.40mm Width) Supplier Device Package Mounting Type -	Package	28-TSSOP (0.173", 4.40mm Width)
Number of D/A Converters1Settling Time $35ns$ (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference 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-	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 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 D/A Converters	1
Differential Output Parallel Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital INL/DNL (LSB) Architecture Operating Temperature Package / Case Supplier Device Package Mounting Type Parallel External, Internal 2.7 V ~ 5.5 V 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V External, Internal 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V Current Source Ourrent Source -40°C ~ 85°C Package / Case 28-TSSOP (0.173", 4.40mm Width) Supplier Device Package Mounting Type -	Settling Time	35ns (Typ)
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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 $28\text{-TSSOP} (0.173", 4.40 \text{mm Width})$ 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) $\pm 2.5, \pm 1.5$ Architecture Current Source Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $28\text{-TSSOP} (0.173'', 4.40\text{mm Width})$ Supplier Device Package 28-TSSOP Mounting Type $-$	Reference Type	External, Internal
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Voltage - Supply, Analog	2.7 V ~ 5.5 V
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
	Mounting Type	-
Report errors?		Report errors?

HI5960IAZ-T 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.

HI5960IAZ-T Payment Methods



















HI5960IAZ-T Shipping Methods













If you have any question about HI5960IAZ-T, please do not hesitate to contact us!

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