

## **DAC902E**

### **DAC902E Information**

Provident Statement		DAC902E Texas Instruments Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC)	
and a	Description	IC 12-BIT D/A CONV 28-TSSOP	
	Package	28-TSSOP (0.173", 4.40mm Width)	<b>IN 1997</b>
For Reference Only		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.



### **DAC902E Specifications**

Manufacturer Part NumberDAC902EManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC)Package28-TSSOP (0.173", 4.40mm Width)SeriesSpeedPlus?Number of Bits12Number of D/A Converters1Settling Time30ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Digital2.7 V ~ 5.5 VVoltage - Supply, Digital±1, ±0.5ArchitectureCurrent SourceOperating Temperature400°C ~ 85°C		
Category   Integrated Circuits (ICs)     Data Acquisition - Digital to Analog Converters (DAC)     Package   28-TSSOP (0.173", 4.40mm Width)     Series   SpeedPlus?     Number of Bits   12     Number of D/A Converters   1     Settling Time   30ns (Typ)     Output Type   Current - Unbuffered     Differential Output   Yes     Data Interface   Parallel     Voltage - Supply, Analog   2.7 V ~ 5.5 V     Voltage - Supply, Digital   2.7 V ~ 5.5 V     INL/DNL (LSB)   ±1, ±0.5     Architecture   Current Source     Operating Temperature   40°C ~ 85°C	Manufacturer Part Number	DAC902E
Data Acquisition - Digital to Analog Converters (DAC)Package28-TSSOP (0.173", 4.40mm Width)SeriesSpeedPlus?Number of Bits12Number of D/A Converters1Settling Time30ns (Typ)Output TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog $2.7 V \sim 5.5 V$ Voltage - Supply, Digital $\pm 1, \pm 0.5$ ArchitectureCurrent SourceOperating Temperature $+40^\circC \sim 85^\circC$	Manufacturer	Texas Instruments
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Differential OutputYesData 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) $\pm 1, \pm 0.5$ ArchitectureCurrent SourceOperating Temperature $-40^\circ$ C ~ 85°C	Settling Time	30ns (Typ)
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INL/DNL (LSB)±1, ±0.5ArchitectureCurrent SourceOperating Temperature-40°C ~ 85°C	Voltage - Supply, Analog	2.7 V ~ 5.5 V
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Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	INL/DNL (LSB)	$\pm 1, \pm 0.5$
	Architecture	Current Source
	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
Package / Case 28-15SOP (0.1/3", 4.40mm Width)	Package / Case	28-TSSOP (0.173", 4.40mm Width)
Supplier Device Package 28-TSSOP	Supplier Device Package	28-TSSOP
Mounting Type -	Mounting Type	-
Report errors		Report errors?

### **DAC902E** 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.

# DAC902E Payment MethodsImage: Image: I

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