



DAC715UK Information



For Reference Only

Part Number DAC715UK

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC 16-BIT PARALLEL-IN D/A 28SOIC

Package 28-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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



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DAC715UK Specifications

Manufacturer Part Number DAC715UK Manufacturer Texas Instruments Category Integrated Circuits (ICs) Package 28-SOIC (0.295", 7.50mm Width) Series - Number of Bits 16 Number of D/A Converters 1 Settling Time 10µs Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type Internal Voltage - Supply, Analog ±11.4 V ~ 16.5 V Voltage - Supply, Digital - INL/DNL (LSB) ±2 (Max), ±2 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC Mounting Type Report errors?		
Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 28-SOIC (0.295", 7.50mm Width) Series - Number of Bits 16 Number of D/A Converters 1 Settling Time 10μs Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type Internal Voltage - Supply, Analog ±11.4 V ~ 16.5 V Voltage - Supply, Digital - INL/DNL (LSB) ±2 (Max), ±2 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC Mounting Type -	Manufacturer Part Number	DAC715UK
Package28-SOIC (0.295", 7.50mm Width)Series-Number of Bits16Number of D/A Converters1Settling Time10μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeInternalVoltage - Supply, Analog±11.4 V ~ 16.5 VVoltage - Supply, Digital-INL/DNL (LSB)±2 (Max), ±2 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case28-SOIC (0.295", 7.50mm Width)Mounting Type-	Manufacturer	Texas Instruments
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Series-Number of Bits16Number of D/A Converters1Settling Time10μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeInternalVoltage - Supply, Analog±11.4 V ~ 16.5 VVoltage - Supply, Digital-INL/DNL (LSB)±2 (Max), ±2 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits Number of D/A Converters 1 Settling Time 10µs Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type Internal Voltage - Supply, Analog ±11.4 V ~ 16.5 V Voltage - Supply, Digital - INL/DNL (LSB) ±2 (Max), ±2 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package Mounting Type -	Package	28-SOIC (0.295", 7.50mm Width)
Number of D/A Converters1Settling Time10μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeInternalVoltage - Supply, Analog±11.4 V ~ 16.5 VVoltage - Supply, Digital-INL/DNL (LSB)±2 (Max), ±2 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Series	-
Settling Time 10µs Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type Internal Voltage - Supply, Analog ±11.4 V ~ 16.5 V Voltage - Supply, Digital - INL/DNL (LSB) ±2 (Max), ±2 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package Mounting Type -	Number of Bits	16
Output TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeInternalVoltage - Supply, Analog±11.4 V ~ 16.5 VVoltage - Supply, Digital-INL/DNL (LSB)±2 (Max), ±2 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Number of D/A Converters	1
Differential Output Data Interface Parallel Reference Type Internal Voltage - Supply, Analog ±11.4 V ~ 16.5 V Voltage - Supply, Digital - INL/DNL (LSB) ±2 (Max), ±2 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package Mounting Type -	Settling Time	10μs
Data InterfaceParallelReference TypeInternalVoltage - Supply, Analog±11.4 V ~ 16.5 VVoltage - Supply, Digital-INL/DNL (LSB)±2 (Max), ±2 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Output Type	Voltage - Buffered
Reference Type Internal Voltage - Supply, Analog ±11.4 V ~ 16.5 V Voltage - Supply, Digital - INL/DNL (LSB) ±2 (Max), ±2 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package Mounting Type -	Differential Output	No
Voltage - Supply, Analog $\pm 11.4 \text{ V} \sim 16.5 \text{ V}$ Voltage - Supply, Digital-INL/DNL (LSB) $\pm 2 \text{ (Max)}, \pm 2 \text{ (Max)}$ ArchitectureR-2ROperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case $28\text{-SOIC} (0.295^{\circ}, 7.50 \text{mm Width})$ Supplier Device Package 28-SOIC Mounting Type-	Data Interface	Parallel
Voltage - Supply, Digital INL/DNL (LSB) 42 (Max), ±2 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package Mounting Type -	Reference Type	Internal
INL/DNL (LSB) ± 2 (Max), ± 2 (Max)ArchitectureR-2ROperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 28-SOIC (0.295", 7.50mm Width)Supplier Device Package 28-SOIC Mounting Type-	Voltage - Supply, Analog	$\pm 11.4 \text{ V} \sim 16.5 \text{ V}$
Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC Mounting Type -	Voltage - Supply, Digital	-
Operating Temperature0°C ~ 70°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	INL/DNL (LSB)	± 2 (Max), ± 2 (Max)
Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC Mounting Type -	Architecture	R-2R
Supplier Device Package 28-SOIC Mounting Type -	Operating Temperature	0°C ~ 70°C
Mounting Type -	Package / Case	28-SOIC (0.295", 7.50mm Width)
	Supplier Device Package	28-SOIC
Report errors?	Mounting Type	-
\mathbf{I}		Report errors?

DAC715UK Guarantees



Quality Guarantees

We provide 90 days warranty. *

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Service Guarantees

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DAC715UK Payment Methods



















DAC715UK Shipping Methods













If you have any question about DAC715UK, please do not hesitate to contact us!

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