



TLV5618ACP Information



For Reference Only

Part Number TLV5618ACP

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 12BIT SERIAL DUAL 8-DIP

Package 8-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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



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TLV5618ACP Specifications

Manufacturer Part Number Manufacturer Texas Instruments Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 8-DIP (0.300", 7.62mm) Series - Number of Bits 12 Number of D/A Converters 2 Settling Time 10µs Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External Voltage - Supply, Analog 2.7 V ~ 3.3 V, 5V Voltage - Supply, Digital 2.7 V ~ 3.3 V, 5V INL/DNL (LSB) 42, ±0.5 Architecture String DAC Operating Temperature 0°C ~ 70°C Package / Case 8-DIP (0.300", 7.62mm) Pagent average? Pagent average?		
Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 8-DIP (0.300", 7.62mm) Series - Number of Bits 12 Number of D/A Converters 2 Settling Time 10μs Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External Voltage - Supply, Analog 2.7 V ~ 3.3 V, 5V Voltage - Supply, Digital 2.7 V ~ 3.3 V, 5V INL/DNL (LSB) ±2, ±0.5 Architecture String DAC Operating Temperature 0°C ~ 70°C Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP Mounting Type -	Manufacturer Part Number	TLV5618ACP
Data Acquisition - Digital to Analog Converters (DAC)Package8-DIP (0.300", 7.62mm)Series-Number of Bits12Number of D/A Converters2Settling Time10μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.3 V, 5VVoltage - Supply, Digital2.7 V ~ 3.3 V, 5VINL/DNL (LSB)±2, ±0.5ArchitectureString DACOperating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIPMounting Type-	Manufacturer	Texas Instruments
Package 8-DIP (0.300", 7.62mm) Series - Number of Bits 12 Number of D/A Converters 2 Settling Time 10μs Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External Voltage - Supply, Analog 2.7 V ~ 3.3 V, 5V Voltage - Supply, Digital 2.7 V ~ 3.3 V, 5V INL/DNL (LSB) ±2, ±0.5 Architecture String DAC Operating Temperature 0°C ~ 70°C Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP Mounting Type -	Category	Integrated Circuits (ICs)
Series-Number of Bits12Number of D/A Converters2Settling Time10μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.3 V, 5VVoltage - Supply, Digital2.7 V ~ 3.3 V, 5VINL/DNL (LSB)±2, ±0.5ArchitectureString DACOperating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIPMounting Type-		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits Number of D/A Converters 2 Settling Time 10µs Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External Voltage - Supply, Analog 2.7 V ~ 3.3 V, 5V Voltage - Supply, Digital 2.7 V ~ 3.3 V, 5V INL/DNL (LSB) 4:2, ±0.5 Architecture String DAC Operating Temperature 0°C ~ 70°C Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package Mounting Type -	Package	8-DIP (0.300", 7.62mm)
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Series	-
Settling Time 10µs Voltage - Buffered Voltage - Buffered Differential Output No SPI Reference Type External Voltage - Supply, Analog 2.7 V ~ 3.3 V, 5V Voltage - Supply, Digital 2.7 V ~ 3.3 V, 5V INL/DNL (LSB) ±2, ±0.5 Architecture String DAC Operating Temperature 0°C ~ 70°C Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package Mounting Type -	Number of Bits	12
Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External Voltage - Supply, Analog 2.7 V ~ 3.3 V, 5V Voltage - Supply, Digital 2.7 V ~ 3.3 V, 5V INL/DNL (LSB) ±2, ±0.5 Architecture String DAC Operating Temperature 0°C ~ 70°C Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP Mounting Type -	Number of D/A Converters	2
Differential Output Data Interface SPI Reference Type External Voltage - Supply, Analog Voltage - Supply, Digital INL/DNL (LSB) Architecture Operating Temperature Package / Case Supplier Device Package Mounting Type No External 2.7 V ~ 3.3 V, 5V 2.7 V ~ 3.3 V, 5V External 2.7 V ~ 3.3 V,	Settling Time	10μs
Data InterfaceSPIReference TypeExternalVoltage - Supply, Analog $2.7 \text{ V} \sim 3.3 \text{ V}$, 5 V Voltage - Supply, Digital $2.7 \text{ V} \sim 3.3 \text{ V}$, 5 V INL/DNL (LSB) $\pm 2, \pm 0.5$ ArchitectureString DACOperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case $8\text{-DIP} (0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package 8-PDIP Mounting Type-	Output Type	Voltage - Buffered
Reference TypeExternalVoltage - Supply, Analog $2.7 \text{ V} \sim 3.3 \text{ V}, 5\text{ V}$ Voltage - Supply, Digital $2.7 \text{ V} \sim 3.3 \text{ V}, 5\text{ V}$ INL/DNL (LSB) $\pm 2, \pm 0.5$ ArchitectureString DACOperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case $8\text{-DIP } (0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package 8-PDIP Mounting Type-	Differential Output	No
Voltage - Supply, Analog $2.7 \text{ V} \sim 3.3 \text{ V}$, 5V Voltage - Supply, Digital $2.7 \text{ V} \sim 3.3 \text{ V}$, 5V INL/DNL (LSB) $\pm 2, \pm 0.5$ ArchitectureString DACOperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case8-DIP $(0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package8-PDIPMounting Type-	Data Interface	SPI
Voltage - Supply, Digital $2.7 \text{ V} \sim 3.3 \text{ V}$, 5V INL/DNL (LSB) $\pm 2, \pm 0.5$ ArchitectureString DACOperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case8-DIP $(0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package8-PDIPMounting Type-	Reference Type	External
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Voltage - Supply, Analog	2.7 V ~ 3.3 V, 5V
Architecture String DAC Operating Temperature 0°C ~ 70°C Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP Mounting Type -	Voltage - Supply, Digital	2.7 V ~ 3.3 V, 5V
Operating Temperature 0°C ~ 70°C Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP Mounting Type -	INL/DNL (LSB)	$\pm 2, \pm 0.5$
Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP Mounting Type -	Architecture	String DAC
Supplier Device Package 8-PDIP Mounting Type -	Operating Temperature	0°C ~ 70°C
Mounting Type -	Package / Case	8-DIP (0.300", 7.62mm)
	Supplier Device Package	8-PDIP
Deposit among 9	Mounting Type	-
Report errors?		Report errors?

TLV5618ACP 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.

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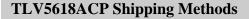
























If you have any question about TLV5618ACP, please do not hesitate to contact us!

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