



TLV5629IPW Information

Jojjjjjjj

For Reference Only

Part Number TLV5629IPW
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC 8BIT 1/3US DAC S/O 20-TSSOP **Package** 20-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



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.









TLV5629IPW Specifications

Manufacturer Part NumberTLV5629IPWManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Package20-TSSOP (0.173", 4.40mm Width)Series-Number of Bits8Number of D/A Converters8Settling Time7μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.3 V, 5VVoltage - Supply, Digital2.7 V ~ 3.3 V, 5VINL/DNL (LSB)±0.3, ±0.1ArchitectureString DACOperating Temperature-40°C ~ 85°CPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOPMounting Type-		
Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 20-TSSOP (0.173", 4.40mm Width) Series - Number of Bits 8 Number of D/A Converters 8 Settling Time 7μs 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) ±0.3, ±0.1 Architecture String DAC Operating Temperature -40°C ~ 85°C Package / Case 20-TSSOP (0.173", 4.40mm Width) Supplier Device Package 20-TSSOP	Manufacturer Part Number	TLV5629IPW
Data Acquisition - Digital to Analog Converters (DAC)Package20-TSSOP (0.173", 4.40mm Width)Series-Number of Bits8Number of D/A Converters8Settling Time7μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.3 V, 5VVoltage - Supply, Digital2.7 V ~ 3.3 V, 5VINL/DNL (LSB)±0.3, ±0.1ArchitectureString DACOperating Temperature-40°C ~ 85°CPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Manufacturer	Texas Instruments
Package20-TSSOP (0.173", 4.40mm Width)Series-Number of Bits8Number of D/A Converters8Settling Time $7\mu s$ Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference 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) $\pm 0.3, \pm 0.1$ ArchitectureString DACOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 20-TSSOP (0.173", 4.40mm Width)Supplier Device Package 20-TSSOP	Category	Integrated Circuits (ICs)
Series-Number of Bits8Number of D/A Converters8Settling Time7μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.3 V, 5VVoltage - Supply, Digital2.7 V ~ 3.3 V, 5VINL/DNL (LSB)±0.3, ±0.1ArchitectureString DACOperating Temperature-40°C ~ 85°CPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits 8 Number of D/A Converters 8 Settling Time 7 μ s 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) $\pm 0.3, \pm 0.1$ Architecture String DAC Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 20-TSSOP (0.173", 4.40mm Width) Supplier Device Package	Package	20-TSSOP (0.173", 4.40mm Width)
Number of D/A Converters8Settling Time7μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.3 V, 5VVoltage - Supply, Digital2.7 V ~ 3.3 V, 5VINL/DNL (LSB)±0.3, ±0.1ArchitectureString DACOperating Temperature-40°C ~ 85°CPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Series	-
Settling Time7μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.3 V, 5VVoltage - Supply, Digital2.7 V ~ 3.3 V, 5VINL/DNL (LSB)±0.3, ±0.1ArchitectureString DACOperating Temperature-40°C ~ 85°CPackage / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Number of Bits	8
Output Type Differential Output No Data Interface SPI Reference Type External Voltage - Supply, Analog Voltage - Supply, Digital INL/DNL (LSB) Architecture Operating Temperature Package / Case Supplier Device Package Voltage - Buffered No String DAC Voltage - Supply, Digital 2.7 V ~ 3.3 V, 5V ±0.3, ±0.1 String DAC Operating Temperature -40°C ~ 85°C 20-TSSOP Voltage - Buffered No Supplier Device Package Voltage - Buffered String Avo Voltage - Buffered No String Cart - V ~ 3.3 V, 5V Voltage - Supply External 2.7 V ~ 3.3 V, 5V Voltage - Supply 2.7 V ~ 3.3 V, 5V Voltage - Supply Vo	Number of D/A Converters	8
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Settling Time	7μs
Data Interface SPI Reference Type External Voltage - 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) $\pm 0.3, \pm 0.1$ Architecture String DAC Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 20-TSSOP $(0.173^{\circ}, 4.40\text{mm Width})$ Supplier Device Package 20-TSSOP	Output Type	Voltage - Buffered
Reference TypeExternalVoltage - 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) $\pm 0.3, \pm 0.1$ ArchitectureString DACOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 20-TSSOP (0.173° , 4.40mm Width)Supplier Device Package 20-TSSOP	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) $\pm 0.3, \pm 0.1$ Architecture String DAC Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 20-TSSOP $(0.173^{\circ}, 4.40\text{mm Width})$ Supplier Device Package 20-TSSOP	Data Interface	SPI
Voltage - Supply, Digital 2.7 V ~ 3.3 V, 5V INL/DNL (LSB) $\pm 0.3, \pm 0.1$ Architecture String DAC Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 20-TSSOP (0.173", 4.40mm Width) Supplier Device Package 20-TSSOP	Reference Type	External
$ \begin{array}{lll} & & & \pm 0.3, \pm 0.1 \\ & & & \\ & & & \\ &$	Voltage - Supply, Analog	2.7 V ~ 3.3 V, 5V
Architecture String DAC Operating Temperature -40°C ~ 85°C Package / Case 20-TSSOP (0.173", 4.40mm Width) Supplier Device Package 20-TSSOP	Voltage - Supply, Digital	2.7 V ~ 3.3 V, 5V
Operating Temperature -40°C ~ 85°C Package / Case 20-TSSOP (0.173", 4.40mm Width) Supplier Device Package 20-TSSOP	INL/DNL (LSB)	$\pm 0.3, \pm 0.1$
Package / Case 20-TSSOP (0.173", 4.40mm Width) Supplier Device Package 20-TSSOP	Architecture	String DAC
Supplier Device Package 20-TSSOP	Operating Temperature	-40°C ~ 85°C
	Package / Case	20-TSSOP (0.173", 4.40mm Width)
Mounting Type -	Supplier Device Package	20-TSSOP
	Mounting Type	-
Report errors?		Report errors?

TLV5629IPW 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.

TLV5629IPW Payment Methods



















TLV5629IPW Shipping Methods













If you have any question about TLV5629IPW, please do not hesitate to contact us!

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