

TLV5624IDGK

TLV5624IDGK Information

Werentielsenerem RRR		TLV5624IDGK Texas Instruments Integrated Circuits (ICs)
	Category	Data Acquisition - Digital to Analog Converters (DAC)
	Description	IC 8BIT 1.0-3.5US DAC S/O 8VSSOP
	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
For Reference Only		For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



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TLV5624IDGK Specifications

ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Data Acquisition - Digital to Analog Converters (DAC)Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Number of Bits8Number of D/A Converters1Settling Time7µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference Type2.7 V ~ 3.3 V, 5VVoltage - Supply, Analog2.7 V ~ 3.3 V, 5VVoltage - Supply, Digital4.0 (2 ~ 85°C)Architecture6.4 (SSOP, 8-MSOP (0.118", 3.00mm Width)Operating Temperature8-VSSOPPackage / Case8-VSSOP				
CategoryIntegrated Circuits (ICs)Data Acquisition - Digital to Analog Converters (DAC)Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Number of Bits8Number of D/A Converters1Settling Time7µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.3 V, 5VVoltage - Supply, Digital2.7 V ~ 3.3 V, 5VArchitectureString DACOperating Temperature-40°C ~ 85°CPackage / Case8.VSSOP	Manufacturer Part Number	TLV5624IDGK		
Data Acquisition - Digital to Analog Converters (DAC)Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Number of Bits8Number of D/A Converters1Settling Time7µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.3 V, 5VVoltage - Supply, Digital2.7 V ~ 3.3 V, 5VINL/DNL (LSB)±0.3, ±0.07ArchitectureString DACOperating Temperature-40°C ~ 85°CPackage / Case8-VSSOPSupplier Device Package8-VSSOP	Manufacturer	Texas Instruments		
Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Number of Bits8Number of D/A Converters1Settling Time7µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.3 V, 5VVoltage - Supply, Digital2.7 V ~ 3.3 V, 5VINL/DNL (LSB)±0.3, ±0.07ArchitectureString DACOperating Temperature-40°C ~ 85°CPackage / Case8-VSSOPSupplier Device Package8-VSSOP	Category	Integrated Circuits (ICs)		
Series - Number of Bits 8 Number of D/A Converters 1 Settling Time 7µs Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External, Internal 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, ±0.07 Architecture String DAC Operating Temperature -40°C ~ 85°C Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-VSSOP		Data Acquisition - Digital to Analog Converters (DAC)		
Number of Bits8Number of D/A Converters1Settling Time7µsOutput TypeVoltage - BufferedOutput TypeNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.3 V, 5VVoltage - Supply, Digital±0.3, ±0.07ArchitectureString DACOperating Temperature-40°C ~ 85°CPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)		
Number of D/A Converters1Settling Time7µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.3 V, 5VVoltage - Supply, Digital2.7 V ~ 3.3 V, 5VINL/DNL (LSB)4.03, ±0.07ArchitectureString DACOperating Temperature4.0°C ~ 85°CPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Series	-		
Settling Time7µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.3 V, 5VVoltage - Supply, Digital2.7 V ~ 3.3 V, 5VINL/DNL (LSB)±0.3, ±0.07ArchitectureString DACOperating Temperature-40°C ~ 85°CPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Number of Bits	8		
Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog $2.7 V ~ 3.3 V, 5V$ Voltage - Supply, Digital $2.7 V ~ 3.3 V, 5V$ INL/DNL (LSB) $\pm 0.3, \pm 0.07$ ArchitectureString DACOperating Temperature $-40^{\circ}C ~ 85^{\circ}C$ Package / Case $8-TSSOP, 8-MSOP (0.118", 3.00mm Width)$	Number of D/A Converters	1		
Differential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog $2.7 V ~ 3.3 V, 5V$ Voltage - Supply, Digital $2.7 V ~ 3.3 V, 5V$ INL/DNL (LSB) $\pm 0.3, \pm 0.07$ ArchitectureString DACOperating Temperature $-40^{\circ}C ~ 85^{\circ}C$ Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Settling Time	7μs		
Data InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog $2.7 V ~ 3.3 V, 5V$ Voltage - Supply, Digital $2.7 V ~ 3.3 V, 5V$ Voltage - Supply, Digital $40.3, \pm 0.07$ ArchitectureString DACOperating Temperature $-40^{\circ}C ~ 85^{\circ}C$ Package / Case $8-TSSOP, 8-MSOP (0.118", 3.00mm Width)$ Supplier Device Package $8-VSSOP$	Output Type	Voltage - Buffered		
Reference TypeExternal, InternalVoltage - Supply, Analog $2.7 V ~ 3.3 V, 5V$ Voltage - Supply, Digital $2.7 V ~ 3.3 V, 5V$ Voltage - Supply, Digital $2.7 V ~ 3.3 V, 5V$ INL/DNL (LSB) $\pm 0.3, \pm 0.07$ ArchitectureString DACOperating Temperature $-40^{\circ}C ~ 85^{\circ}C$ Package / Case 8 -TSSOP, 8 -MSOP (0.118", 3.00mm Width)Supplier Device Package 8 -VSSOP	Differential Output	No		
Voltage - Supply, Analog2.7 V ~ 3.3 V, 5VVoltage - Supply, Digital2.7 V ~ 3.3 V, 5VINL/DNL (LSB)±0.3, ±0.07ArchitectureString DACOperating Temperature-40°C ~ 85°CPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Data Interface	SPI		
Voltage - Supply, Digital2.7 V ~ 3.3 V, 5VINL/DNL (LSB)±0.3, ±0.07ArchitectureString DACOperating Temperature-40°C ~ 85°CPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Reference Type	External, Internal		
INL/DNL (LSB)±0.3, ±0.07ArchitectureString DACOperating Temperature-40°C ~ 85°CPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Voltage - Supply, Analog	2.7 V ~ 3.3 V, 5V		
ArchitectureString DACOperating Temperature-40°C ~ 85°CPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Voltage - Supply, Digital	2.7 V ~ 3.3 V, 5V		
Operating Temperature-40°C ~ 85°CPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	INL/DNL (LSB)	$\pm 0.3, \pm 0.07$		
Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-VSSOP	Architecture	String DAC		
Supplier Device Package 8-VSSOP	Operating Temperature	-40°C ~ 85°C		
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)		
Mounting Type -	Supplier Device Package	8-VSSOP		
	Mounting Type	-		
Report errors?		Report errors?		

TLV5624IDGK 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

Service Guarantees

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