

MX7224TD

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MX7224TD Information

Contraction of the second seco	Part Number	MX7224TD
	Manufacturer	Maxim Integrated
	Category	Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC)
	Description	IC DAC 8BIT
	Package	18-CDIP (0.300", 7.62mm)
For Reference Only		For the pricing/inventory/lead time, please contact
		us
		Website: https://www.heisener.com
		E-mail: salesdept@heisener.com

Certified Quality

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MX7224TD Specifications

ManufacturerMaxim IntegratedCategoryIntegrated Circuits (ICs)Data Acquisition - Digital to Analog Converters (DAC)PackageI8-CDIP (0.300", 7.62mm)Series-Number of Bits8Number of D/A Converters1Settling Time5µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeLitt V ~ 16.5 V, -5VVoltage - Supply, Analog1.4.25 V ~ 15.75 VVoltage - Supply, Digital14.25 V ~ 15.75 VINL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case18-CERDIPSupplier Device Package18-CERDIP			
CategoryIntegrated Circuits (ICs)Data Acquisition - Digital to Analog Converters (DAC)Package18-CDIP (0.300", 7.62mm)Series-Number of Bits8Number of D/A Converters1Settling Time5µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelVoltage - Supply, Analog1.4 V ~ 16.5 V, -5VVoltage - Supply, Digital1.4 2 V ~ 15.7 5 VNurber Orenters1.4 (Max)Architecture0°C ~ 70°CPackage / Case18-CERDIPMounting Type18-CERDIPMounting TypeThrough Hole	Manufacturer Part Number	MX7224TD	
Data Acquisition - Digital to Analog Converters (DAC)Package18-CDIP (0.300", 7.62mm)Series-Number of Bits8Number of D/A Converters1Settling Time5µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog11.4 V ~ 16.5 V, -5VVoltage - Supply, Digital14.25 V ~ 15.75 VINL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case18-CERDIPMounting TypeThrough Hole	Manufacturer	Maxim Integrated	
Package18-CDIP (0.300", 7.62mm)Series-Number of Bits8Number of D/A Converters1Settling Time5µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog11.4 V ~ 16.5 V, -5VVoltage - Supply, Digital14.25 V ~ 15.75 VINL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case18-CERDIPMounting TypeThrough Hole	Category	Integrated Circuits (ICs)	
Series-Number of Bits8Number of D/A Converters1Settling Time5µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog11.4 V ~ 16.5 V, -5VVoltage - Supply, Digital14.25 V ~ 15.75 VINL/DNL (LSB)±1 (Max), ±1 (Max)Architecture0°C ~ 70°CPackage / Case18-CDIP (0.300", 7.62mm)Supplier Device PackageThrough Hole		Data Acquisition - Digital to Analog Converters (DAC)	
Number of Bits8Number of D/A Converters1Settling Time5µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog11.4 V ~ 16.5 V, -5VVoltage - Supply, Digital14.25 V ~ 15.75 VINL/DNL (LSB)# (Max), ± 1 (Max)Architecture0°C ~ 70°COperating Temperature18-CDIP (0.300", 7.62mm)Supplier Device Package18-CERDIPMounting TypeThrough Hole	Package	18-CDIP (0.300", 7.62mm)	
Number of D/A Converters1Settling Time5µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog11.4 V ~ 16.5 V, -5VVoltage - Supply, Digital14.25 V ~ 15.75 VINL/DNL (LSB)±1 (Max), ±1 (Max)Architecture0°C ~ 70°CPackage / Case18-CDIP (0.300", 7.62mm)Supplier Device Package18-CERDIPMounting TypeThrough Hole	Series	-	
Settling Time5µsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog11.4 V ~ 16.5 V, -5VVoltage - Supply, Digital14.25 V ~ 15.75 VINL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case18-CDIP (0.300", 7.62mm)Supplier Device Package18-CERDIPMounting TypeThrough Hole	Number of Bits	8	
Output TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog11.4 V ~ 16.5 V, -5VVoltage - Supply, Digital14.25 V ~ 15.75 VINL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case18-CERDIPMounting TypeThrough Hole	Number of D/A Converters	1	
Differential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog11.4 V ~ 16.5 V, -5VVoltage - Supply, Digital14.25 V ~ 15.75 VINL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case18-CENDIP (0.300", 7.62mm)Supplier Device Package18-CERDIPMounting TypeThrough Hole	Settling Time	5μs	
Data InterfaceParallelReference TypeExternalVoltage - Supply, Analog11.4 V ~ 16.5 V, -5VVoltage - Supply, Digital14.25 V ~ 15.75 VINL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case18-CDIP (0.300", 7.62mm)Supplier Device Package18-CERDIPMounting TypeThrough Hole	Output Type	Voltage - Buffered	
Reference TypeExternalVoltage - Supply, Analog11.4 V ~ 16.5 V, -5VVoltage - Supply, Digital14.25 V ~ 15.75 VINL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case18-CDIP (0.300", 7.62mm)Supplier Device Package18-CERDIPMounting TypeThrough Hole	Differential Output	No	
Voltage - Supply, Analog11.4 V ~ 16.5 V, -5VVoltage - Supply, Digital14.25 V ~ 15.75 VINL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case18-CDIP (0.300", 7.62mm)Supplier Device Package18-CERDIPMounting TypeThrough Hole	Data Interface	Parallel	
Voltage - Supply, Digital14.25 V ~ 15.75 VINL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case18-CDIP (0.300", 7.62mm)Supplier Device Package18-CERDIPMounting TypeThrough Hole	Reference Type	External	
INL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case18-CDIP (0.300", 7.62mm)Supplier Device Package18-CERDIPMounting TypeThrough Hole	Voltage - Supply, Analog	11.4 V ~ 16.5 V, -5V	
ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case18-CDIP (0.300", 7.62mm)Supplier Device Package18-CERDIPMounting TypeThrough Hole	Voltage - Supply, Digital	14.25 V ~ 15.75 V	
Operating Temperature0°C ~ 70°CPackage / Case18-CDIP (0.300", 7.62mm)Supplier Device Package18-CERDIPMounting TypeThrough Hole	INL/DNL (LSB)	±1 (Max), ±1 (Max)	
Package / Case18-CDIP (0.300", 7.62mm)Supplier Device Package18-CERDIPMounting TypeThrough Hole	Architecture	R-2R	
Supplier Device Package18-CERDIPMounting TypeThrough Hole	Operating Temperature	$0^{\circ}C \sim 70^{\circ}C$	
Mounting Type Through Hole	Package / Case	18-CDIP (0.300", 7.62mm)	
	Supplier Device Package	18-CERDIP	
Report errors?	Mounting Type	Through Hole	
		Report errors?	

MX7224TD 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.

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Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

If you have any question about MX7224TD, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com