

MX7536KN Information



For Reference Only

Part Number MX7536KN

Manufacturer Maxim Integrated

Category Integrated Circuits

Integrated Circuits (ICs)
Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC CMOS 14BIT UP-COMP 28-DIP

Package 28-DIP (0.600", 15.24mm)

For the pricing/inventory/lead time, please contact

us

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



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MX7536KN Specifications

Manufacturer Part Number MX7536KN Manufacturer Maxim Integrated Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 28-DIP (0.600", 15.24mm) Series - Number of Bits 14 Number of D/A Converters 1 Settling Time 1.5µs Output Type Current - Unbuffered Differential Output No Data Interface Parallel Reference Type External Voltage - Supply, Analog 11.4 V ~ 15.75 V Voltage - Supply, Digital 11.4 V ~ 15.75 V INL/DNL (LSB) ±1 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-DIP (0.600", 15.24mm) Mounting Type -		
Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 28-DIP (0.600", 15.24mm) Series - Number of Bits 14 Number of D/A Converters 1 Settling Time 1.5µs Output Type Current - Unbuffered Differential Output No Data Interface Parallel Reference Type External Voltage - Supply, Analog 11.4 V ~ 15.75 V Voltage - Supply, Digital 11.4 V ~ 15.75 V INL/DNL (LSB) ±1 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-PDIP Mounting Type -	Manufacturer Part Number	MX7536KN
Package 28 -DIP $(0.600", 15.24mm)$ Series-Number of Bits 14 Number of D/A Converters 1 Settling Time $1.5\mu s$ Output TypeCurrent - UnbufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog $11.4 \text{ V} \sim 15.75 \text{ V}$ Voltage - Supply, Digital $11.4 \text{ V} \sim 15.75 \text{ V}$ INL/DNL (LSB) $\pm 1 \text{ (Max)}, \pm 1 \text{ (Max)}$ ArchitectureR-2ROperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 28 -DIP $(0.600", 15.24mm)$ Mounting Type-	Manufacturer	Maxim Integrated
Package 28-DIP (0.600", 15.24mm) Series - Number of Bits 14 Number of D/A Converters 1 Settling Time 1.5μs Output Type Current - Unbuffered Differential Output No Data Interface Parallel Reference Type External Voltage - Supply, Analog 11.4 V ~ 15.75 V Voltage - Supply, Digital 11.4 V ~ 15.75 V INL/DNL (LSB) ±1 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-PDIP Mounting Type -	Category	Integrated Circuits (ICs)
Series - Number of Bits 14 Number of D/A Converters 1 Settling Time 1.5µs Output Type Current - Unbuffered Differential Output No Data Interface Parallel Reference Type External Voltage - Supply, Analog 11.4 V ~ 15.75 V Voltage - Supply, Digital 11.4 V ~ 15.75 V INL/DNL (LSB) ±1 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-PDIP Mounting Type -		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits 14 Number of D/A Converters 1 Settling Time 1.5 μ s Output Type Current - Unbuffered Differential Output No Data Interface Parallel Reference Type External Voltage - Supply, Analog 11.4 V ~ 15.75 V Voltage - Supply, Digital 11.4 V ~ 15.75 V INL/DNL (LSB) ± 1 (Max), ± 1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 7 Mounting Type -	Package	28-DIP (0.600", 15.24mm)
Number of D/A Converters1Settling Time1.5μsOutput TypeCurrent - UnbufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog11.4 V ~ 15.75 VVoltage - Supply, Digital11.4 V ~ 15.75 VINL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-PDIPMounting Type-	Series	-
Settling Time1.5μsOutput TypeCurrent - UnbufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog11.4 V ~ 15.75 VVoltage - Supply, Digital11.4 V ~ 15.75 VINL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-PDIPMounting Type-	Number of Bits	14
Output Type Current - Unbuffered Differential Output No Data Interface Parallel Reference Type External Voltage - Supply, Analog 11.4 V ~ 15.75 V Voltage - Supply, Digital 11.4 V ~ 15.75 V INL/DNL (LSB) ±1 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-PDIP Mounting Type -	Number of D/A Converters	1
Differential Output Data Interface Parallel Reference Type External Voltage - Supply, Analog 11.4 V ~ 15.75 V Voltage - Supply, Digital 11.4 V ~ 15.75 V INL/DNL (LSB) 41 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package Mounting Type -	Settling Time	1.5μs
Data InterfaceParallelReference TypeExternalVoltage - Supply, Analog $11.4 \text{ V} \sim 15.75 \text{ V}$ Voltage - Supply, Digital $11.4 \text{ V} \sim 15.75 \text{ V}$ INL/DNL (LSB) $\pm 1 \text{ (Max)}, \pm 1 \text{ (Max)}$ ArchitectureR-2ROperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case $28\text{-DIP (0.600", 15.24mm)}$ Supplier Device Package 28-PDIP Mounting Type-	Output Type	Current - Unbuffered
Reference TypeExternalVoltage - Supply, Analog $11.4 \text{ V} \sim 15.75 \text{ V}$ Voltage - Supply, Digital $11.4 \text{ V} \sim 15.75 \text{ V}$ INL/DNL (LSB) $\pm 1 \text{ (Max)}, \pm 1 \text{ (Max)}$ ArchitectureR-2ROperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case $28\text{-DIP (0.600", 15.24mm)}$ Supplier Device Package 28-PDIP Mounting Type-	Differential Output	No
Voltage - Supply, Analog $11.4 \text{ V} \sim 15.75 \text{ V}$ Voltage - Supply, Digital $11.4 \text{ V} \sim 15.75 \text{ V}$ INL/DNL (LSB) $\pm 1 \text{ (Max)}, \pm 1 \text{ (Max)}$ Architecture $R-2R$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case $28-\text{DIP} (0.600", 15.24\text{mm})$ Supplier Device Package $28-\text{PDIP}$ Mounting Type-	Data Interface	Parallel
Voltage - Supply, Digital $11.4 \text{ V} \sim 15.75 \text{ V}$ INL/DNL (LSB) $\pm 1 \text{ (Max)}, \pm 1 \text{ (Max)}$ Architecture $R-2R$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case $28-\text{DIP} (0.600", 15.24\text{mm})$ Supplier Device Package $28-\text{PDIP}$ Mounting Type-	Reference Type	External
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Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-PDIP Mounting Type -	Voltage - Supply, Digital	11.4 V ~ 15.75 V
Operating Temperature0°C ~ 70°CPackage / Case28-DIP (0.600", 15.24mm)Supplier Device Package28-PDIPMounting Type-	INL/DNL (LSB)	± 1 (Max), ± 1 (Max)
Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-PDIP Mounting Type -	Architecture	R-2R
Supplier Device Package 28-PDIP Mounting Type -	Operating Temperature	0°C ~ 70°C
Mounting Type -	Package / Case	28-DIP (0.600", 15.24mm)
	Supplier Device Package	28-PDIP
	Mounting Type	-
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MX7536KN 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.

MX7536KN Payment Methods



















MX7536KN Shipping Methods













If you have any question about MX7536KN, please do not hesitate to contact us!

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