



MX7524LCSE+ Information



For Reference Only

Part Number MX7524LCSE+
Manufacturer Maxim Integrated
Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 8BIT MULT 16-SOIC **Package** 16-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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MX7524LCSE+ Specifications

Manufacturer Part NumberMX7524LCSE+ManufacturerMaxim IntegratedCategoryIntegrated Circuits (ICs)Data Acquisition - Digital to Analog Converters (DAC)Package16-SOIC (0.154", 3.90mm Width)Series-Number of Bits8Number of D/A Converters1Settling Time500nsOutput TypeCurrent - UnbufferedDifferential OutputYesData InterfaceParallelReference TypeExternalVoltage - Supply, Analog5 V ~ 15 VVoltage - Supply, Digital5 V ~ 15 VINL/DNL (LSB)±0.5 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case16-SOIC (0.154", 3.90mm Width)Mounting Type-		
Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 16-SOIC (0.154", 3.90mm Width) Series - Number of Bits 8 Number of D/A Converters 1 Settling Time 500ns Output Type Current - Unbuffered Differential Output Yes Data Interface Parallel Reference Type External Voltage - Supply, Analog 5 V ~ 15 V Voltage - Supply, Digital 5 V ~ 15 V INL/DNL (LSB) ±0.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SO	Manufacturer Part Number	MX7524LCSE+
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Number of Bits Number of D/A Converters 1 Settling Time 500ns Output Type Current - Unbuffered Differential Output Yes Data Interface Parallel Reference Type External Voltage - Supply, Analog 5 V ~ 15 V Voltage - Supply, Digital 5 V ~ 15 V INL/DNL (LSB) 40.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Package	16-SOIC (0.154", 3.90mm Width)
Number of D/A Converters 1 Settling Time 500ns Output Type Current - Unbuffered Differential Output Yes Data Interface Parallel Reference Type External Voltage - Supply, Analog 5 V ~ 15 V Voltage - Supply, Digital 5 V ~ 15 V INL/DNL (LSB) ±0.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SO	Series	-
Settling Time 500ns Output Type Current - Unbuffered Differential Output Yes Data Interface Parallel Reference Type External Voltage - Supply, Analog 5 V ~ 15 V Voltage - Supply, Digital 5 V ~ 15 V INL/DNL (LSB) ±0.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SO	Number of Bits	8
Output Type Current - Unbuffered Differential Output Yes Data Interface Parallel Reference Type External Voltage - Supply, Analog Voltage - Supply, Digital INL/DNL (LSB) Architecture Operating Temperature Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package Current - Unbuffered Yes Current - Unbuffered Yes Current - Unbuffered Yes Lthis is a company to the supplier of the	Number of D/A Converters	1
Differential Output Yes Data Interface Parallel Reference Type External Voltage - Supply, Analog $5 \text{ V} \sim 15 \text{ V}$ Voltage - Supply, Digital $5 \text{ V} \sim 15 \text{ V}$ INL/DNL (LSB) $\pm 0.5 \text{ (Max)}, \pm 1 \text{ (Max)}$ Architecture R-2R Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case $16\text{-SOIC (0.154'', 3.90mm Width)}$ Supplier Device Package 16-SO	Settling Time	500ns
Data Interface Parallel Reference Type External Voltage - Supply, Analog 5 V ~ 15 V Voltage - Supply, Digital 5 V ~ 15 V INL/DNL (LSB) ±0.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SO	Output Type	Current - Unbuffered
Reference TypeExternalVoltage - Supply, Analog $5 \text{ V} \sim 15 \text{ V}$ Voltage - Supply, Digital $5 \text{ V} \sim 15 \text{ V}$ INL/DNL (LSB) $\pm 0.5 \text{ (Max)}, \pm 1 \text{ (Max)}$ ArchitectureR-2ROperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case $16\text{-SOIC (0.154", 3.90mm Width)}$ Supplier Device Package 16-SO	Differential Output	Yes
Voltage - Supply, Analog $5 \text{ V} \sim 15 \text{ V}$ Voltage - Supply, Digital $5 \text{ V} \sim 15 \text{ V}$ INL/DNL (LSB) $\pm 0.5 \text{ (Max)}, \pm 1 \text{ (Max)}$ Architecture 8 R-2R Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case $16 \text{-SOIC (0.154'', 3.90mm Width)}$ Supplier Device Package 16-SO	Data Interface	Parallel
Voltage - Supply, Digital $5 \text{ V} \sim 15 \text{ V}$ INL/DNL (LSB) $\pm 0.5 \text{ (Max)}, \pm 1 \text{ (Max)}$ Architecture $R-2R$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SO	Reference Type	External
$ \begin{array}{lll} & & & \pm 0.5 \ (\text{Max}), \pm 1 \ (\text{Max}) \\ & & & \text{Architecture} & & \text{R-2R} \\ & & & & \text{Operating Temperature} & & & 0^{\circ}\text{C} & 70^{\circ}\text{C} \\ & & & & & \text{16-SOIC} \ (0.154", 3.90\text{mm Width}) \\ & & & & \text{Supplier Device Package} & & & & 16\text{-SO} \\ \end{array} $	Voltage - Supply, Analog	5 V ~ 15 V
Architecture R-2R Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SO	Voltage - Supply, Digital	5 V ~ 15 V
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SO	INL/DNL (LSB)	±0.5 (Max), ±1 (Max)
Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SO	Architecture	R-2R
Supplier Device Package 16-SO	Operating Temperature	0°C ~ 70°C
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Mounting Type	Supplier Device Package	16-SO
Woulding Type	Mounting Type	-
Report errors?		Report errors?

MX7524LCSE+ 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.

MX7524LCSE+ Payment Methods



















MX7524LCSE+ Shipping Methods













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