



MAX514BCWI Information



For Reference Only

Part Number MAX514BCWI
Manufacturer Maxim Integrated
Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC CMOS QUAD 12BIT 28-SOIC

Package 28-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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



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MAX514BCWI Specifications

Manufacturer Part Number MAX514BCWI Manufacturer Maxim Integrated Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 28-SOIC (0.295", 7.50mm Width) Series - Number of Bits 12 Number of D/A Converters 4 Settling Time 1µs Output Type Current - Unbuffered Differential Output No Data Interface SPI Reference Type External Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±1 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC Mounting Type -		
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Settling Time1μsOutput TypeCurrent - UnbufferedDifferential OutputNoData InterfaceSPIReference TypeExternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Number of Bits	12
Output TypeCurrent - UnbufferedDifferential OutputNoData InterfaceSPIReference TypeExternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Number of D/A Converters	4
Differential Output Data Interface SPI Reference Type External Voltage - Supply, Analog Voltage - Supply, Digital SV INL/DNL (LSB) Architecture R-2R Operating Temperature O°C ~ 70°C Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package Mounting Type -	Settling Time	1μs
Data Interface SPI Reference Type External Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±1 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC Mounting Type -	Output Type	Current - Unbuffered
Reference Type External Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±1 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC Mounting Type -	Differential Output	No
Voltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Data Interface	SPI
Voltage - Supply, Digital5V INL/DNL (LSB) ± 1 (Max), ± 1 (Max)Architecture $R-2R$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ Package / Case $28-SOIC$ (0.295", 7.50mm Width)Supplier Device Package $28-SOIC$ Mounting Type-	Reference Type	External
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Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC Mounting Type -	Voltage - Supply, Digital	5V
Operating Temperature0°C ~ 70°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	INL/DNL (LSB)	± 1 (Max), ± 1 (Max)
Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC Mounting Type -	Architecture	R-2R
Supplier Device Package 28-SOIC Mounting Type -	Operating Temperature	0°C ~ 70°C
Mounting Type -	Package / Case	28-SOIC (0.295", 7.50mm Width)
	Supplier Device Package	28-SOIC
	Mounting Type	-
Report errors?		Report errors?

MAX514BCWI Guarantees



Quality Guarantees

We provide 90 days warranty. *

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Service Guarantees

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MAX514BCWI Shipping Methods













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