



MAX521AEWG+ Information



For Reference Only

Part Number MAX521AEWG+
Manufacturer Maxim Integrated
Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 8BIT OCTAL 2WIRE 24-SOIC

Package 24-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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MAX521AEWG+ Specifications

| Manufacturer Part NumberMAX521AEWG+ManufacturerMaxim IntegratedCategoryIntegrated Circuits (ICs)Package24-SOIC (0.295", 7.50mm Width)Series-Number of Bits8Number of D/A Converters8Settling Time6μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData Interface12CReference TypeExternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VNL/DNL (LSB)±1.5 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 85°CPackage / Case24-SOIC (0.295", 7.50mm Width)Supplier Device Package24-SOICMounting Type- | | |
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| Differential Output Data Interface I2C Reference Type External Voltage - Supply, Analog Voltage - Supply, Digital INL/DNL (LSB) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package Mounting Type - No External 5V Mounting Type INL/DNL (LSB) External (Max) 5V (Max), ±1 (Max) (Max) ±1.5 (Max), ±1 (Max) (Max) **Tomation of the properties of the pr | Settling Time | бµѕ (Тур) |
| Data Interface I2C Reference Type External Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±1.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package 24-SOIC Mounting Type - | Output Type | Voltage - Buffered |
| Reference Type External Voltage - Supply, Analog Voltage - Supply, Digital 5V INL/DNL (LSB) 41.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package Mounting Type - | Differential Output | No |
| Voltage - Supply, Analog Voltage - Supply, Digital 5V INL/DNL (LSB) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package Mounting Type - | Data Interface | 12C |
| Voltage - Supply, Digital $5V$ INL/DNL (LSB) ± 1.5 (Max), ± 1 (Max)Architecture $R-2R$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $24-\text{SOIC}$ (0.295", 7.50mm Width)Supplier Device Package $24-\text{SOIC}$ Mounting Type- | Reference Type | External |
| $ \begin{array}{llllllllllllllllllllllllllllllllllll$ | Voltage - Supply, Analog | 5V |
| Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package 24-SOIC Mounting Type - | Voltage - Supply, Digital | 5V |
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| Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package 24-SOIC Mounting Type - | Architecture | R-2R |
| Supplier Device Package 24-SOIC Mounting Type - | Operating Temperature | -40°C ~ 85°C |
| Mounting Type - | Package / Case | 24-SOIC (0.295", 7.50mm Width) |
| | Supplier Device Package | 24-SOIC |
| Report errors? | Mounting Type | - |
| | | Report errors? |

MAX521AEWG+ 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.

MAX521AEWG+ Payment Methods



















MAX521AEWG+ Shipping Methods













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