



MAX5154AEEE+T Information



For Reference Only

Part Number MAX5154AEEE+T

Manufacturer Maxim Integrated

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 12BIT DUAL LP SER 16-QSOP

Package 16-SSOP (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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MAX5154AEEE+T Specifications

Manufacturer Part Number Manufacturer Maxim Integrated Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 16-SSOP (0.154", 3.90mm Width) Series - Number of Bits 12 Number of D/A Converters 2 Settling Time 15µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External Voltage - Supply, Analog Voltage - Supply, Digital INL/DNL (LSB) Architecture R-2R Operating Temperature Package / Case 16-SSOP (0.154", 3.90mm Width) Supplier Device Package 16-QSOP		
Integrated Circuits (ICs)	Manufacturer Part Number	MAX5154AEEE+T
Data Acquisition - Digital to Analog Converters (DAC) Package 16-SSOP (0.154", 3.90mm Width) Series - Number of Bits 12 Number of D/A Converters 2 Settling Time 15μs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±0.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 16-SSOP (0.154", 3.90mm Width)	Manufacturer	Maxim Integrated
Package 16-SSOP (0.154", 3.90mm Width) Series - Number of Bits 12 Number of D/A Converters 2 Settling Time 15μs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±0.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 16-SSOP (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
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Number of Bits12Number of D/A Converters2Settling Time15μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±0.5 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 85°CPackage / Case16-SSOP (0.154", 3.90mm Width)	Package	16-SSOP (0.154", 3.90mm Width)
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Series	-
Settling Time $15\mu s$ (Typ) Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External Voltage - Supply, Analog $5V$ Voltage - Supply, Digital $5V$ INL/DNL (LSB) ± 0.5 (Max), ± 1 (Max) Architecture R-2R Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 16-SSOP (0.154", 3.90mm Width)	Number of Bits	12
Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±0.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 16-SSOP (0.154", 3.90mm Width)	Number of D/A Converters	2
Differential OutputNoData InterfaceSPIReference TypeExternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±0.5 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 85°CPackage / Case16-SSOP (0.154", 3.90mm Width)	Settling Time	15μs (Typ)
Data InterfaceSPIReference TypeExternalVoltage - Supply, Analog $5V$ Voltage - Supply, Digital $5V$ INL/DNL (LSB) $\pm 0.5 \text{ (Max)}, \pm 1 \text{ (Max)}$ Architecture $R-2R$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $16-\text{SSOP} (0.154", 3.90 \text{mm Width})$	Output Type	Voltage - Buffered
Reference TypeExternalVoltage - Supply, Analog $5V$ Voltage - Supply, Digital $5V$ INL/DNL (LSB) $\pm 0.5 \text{ (Max)}, \pm 1 \text{ (Max)}$ Architecture $R-2R$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $16\text{-SSOP (0.154", 3.90mm Width)}$	Differential Output	No
Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ± 0.5 (Max), ± 1 (Max) Architecture R-2R Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 16-SSOP (0.154", 3.90mm Width)	Data Interface	SPI
Voltage - Supply, Digital 5V	Reference Type	External
$ \begin{array}{ll} INL/DNL (LSB) & \pm 0.5 (Max), \pm 1 (Max) \\ Architecture & R-2R \\ Operating Temperature & -40^{\circ}C \sim 85^{\circ}C \\ Package / Case & 16-SSOP (0.154", 3.90mm Width) \\ \end{array} $	Voltage - Supply, Analog	5V
Architecture R-2R Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 16-SSOP (0.154", 3.90mm Width)	Voltage - Supply, Digital	5V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $16\text{-SSOP} (0.154'', 3.90 \text{mm Width})$	INL/DNL (LSB)	$\pm 0.5 \text{ (Max)}, \pm 1 \text{ (Max)}$
Package / Case 16-SSOP (0.154", 3.90mm Width)	Architecture	R-2R
	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 16-QSOP	Package / Case	16-SSOP (0.154", 3.90mm Width)
	Supplier Device Package	16-QSOP
Mounting Type -	Mounting Type	
Report errors		Report errors?

MAX5154AEEE+T 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.

MAX5154AEEE+T Payment Methods





















MAX5154AEEE+T Shipping Methods













If you have any question about MAX5154AEEE+T, please do not hesitate to contact us!

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