



## **EL5172IS-T7 Information**



For Reference Only

Part Number EL5172IS-T7

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP DIFF 100MHZ 8SOIC **Package** 8-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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# **Certified Quality**

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## **EL5172IS-T7 Specifications**

Manufacturer Part Number       EL5172IS-T7         Manufacturer       Renesas Electronics America         Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       8-SOIC (0.154", 3.90mm Width)         Series       -         Amplifier Type       Differential         Number of Circuits       1         Output Type       -         Slew Rate       800 V/μs         Gain Bandwidth Product       100MHz         -3db Bandwidth       250MHz         Current - Input Bias       6μA         Voltage - Input Offset       7mV         Current - Supply       5.6mA         Current - Output / Channel       95mA         Voltage - Supply, Single/Dual (±)       4.75 V ~ 11 V, ±2.38 V ~ 5.5 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Package (Gase)       Surface Mount         Package (Gase)       Surface Mount		
Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       8-SOIC (0.154", 3.90mm Width)         Series       -         Amplifier Type       Differential         Number of Circuits       1         Output Type       -         Slew Rate       800 V/μs         Gain Bandwidth Product       100MHz         -3db Bandwidth       250MHz         Current - Input Bias       6μA         Voltage - Input Offset       7mV         Current - Supply       5.6mA         Current - Output / Channel       95mA         Voltage - Supply, Single/Dual (±)       4.75 V ~ 11 V, ±2.38 V ~ 5.5 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount	Manufacturer Part Number	EL5172IS-T7
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  8-SOIC (0.154", 3.90mm Width)  Series  - Amplifier Type Differential  Number of Circuits 1 Output Type - Slew Rate Boo V/µs  Gain Bandwidth Product -3db Bandwidth 250MHz  Current - Input Bias 6µA  Voltage - Input Offset TmV  Current - Output / Channel 95mA  Voltage - Supply, Single/Dual (±) Operating Temperature -40°C ~ 85°C  Mounting Type  Surface Mount	Manufacturer	Renesas Electronics America
Package 8-SOIC (0.154", 3.90mm Width)   Series -   Amplifier Type Differential   Number of Circuits 1   Output Type -   Slew Rate 800 V/μs   Gain Bandwidth Product 100MHz   -3db Bandwidth 250MHz   Current - Input Bias 6μA   Voltage - Input Offset 7mV   Current - Supply 5.6mA   Current - Output / Channel 95mA   Voltage - Supply, Single/Dual (±) 4.75 V ~ 11 V, ±2.38 V ~ 5.5 V   Operating Temperature -40°C ~ 85°C   Mounting Type Surface Mount	Category	Integrated Circuits (ICs)
Series		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Differential Number of Circuits 1   Output Type - Slew Rate 800 V/ $\mu$ s   Gain Bandwidth Product 100MHz   -3db Bandwidth   Current - Input Bias 6 $\mu$ A   Voltage - Input Offset 7mV   Current - Supply 5.6mA   Current - Output / Channel 95mA   Voltage - Supply, Single/Dual ( $\pm$ ) 4.75 V ~ 11 V, $\pm$ 2.38 V ~ 5.5 V   Operating Temperature -40°C ~ 85°C   Mounting Type Surface Mount	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits       1         Output Type       -         Slew Rate       800 V/μs         Gain Bandwidth Product       100MHz         -3db Bandwidth       250MHz         Current - Input Bias       6μA         Voltage - Input Offset       7mV         Current - Supply       5.6mA         Current - Output / Channel       95mA         Voltage - Supply, Single/Dual (±)       4.75 V ~ 11 V, ±2.38 V ~ 5.5 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount	Series	-
Output Type - Slew Rate 800 V/ $\mu$ s Gain Bandwidth Product 100MHz -3db Bandwidth 250MHz Current - Input Bias 6 $\mu$ A Voltage - Input Offset 7mV Current - Supply 5.6mA Current - Output / Channel 95mA Voltage - Supply, Single/Dual ( $\pm$ ) 4.75 V ~ 11 V, $\pm$ 2.38 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Amplifier Type	Differential
Slew Rate $800 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $100\text{MHz}$ -3db Bandwidth $250\text{MHz}$ Current - Input Bias $6\mu\text{A}$ Voltage - Input Offset $7\text{mV}$ Current - Supply $5.6\text{mA}$ Current - Output / Channel $95\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.75 \text{ V} \sim 11 \text{ V}, \pm 2.38 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Number of Circuits	1
Gain Bandwidth Product 100MHz 250MHz Current - Input Bias 6 $\mu$ A Voltage - Input Offset 7mV Current - Supply 5.6mA Current - Output / Channel 95mA Voltage - Supply, Single/Dual ( $\pm$ ) 4.75 V ~ 11 V, $\pm$ 2.38 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	800 V/μs
Current - Input Bias $6\mu A$ Voltage - Input Offset $7mV$ Current - Supply $5.6mA$ Current - Output / Channel $95mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.75 V \sim 11 V, \pm 2.38 V \sim 5.5 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface Mount	Gain Bandwidth Product	100MHz
Voltage - Input Offset $7mV$ Current - Supply $5.6mA$ Current - Output / Channel $95mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.75 \text{ V} \sim 11 \text{ V}, \pm 2.38 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface Mount	-3db Bandwidth	250MHz
Current - Supply 5.6mA  Current - Output / Channel 95mA  Voltage - Supply, Single/Dual ( $\pm$ ) 4.75 V ~ 11 V, $\pm$ 2.38 V ~ 5.5 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount	Current - Input Bias	бµА
Current - Output / Channel $95mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.75 \text{ V} \sim 11 \text{ V}, \pm 2.38 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface Mount	Voltage - Input Offset	7mV
Voltage - Supply, Single/Dual ( $\pm$ ) 4.75 V ~ 11 V, $\pm$ 2.38 V ~ 5.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Current - Supply	5.6mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Output / Channel	95mA
Mounting Type Surface Mount	Voltage - Supply, Single/Dual (±)	4.75 V ~ 11 V, ±2.38 V ~ 5.5 V
	Operating Temperature	-40°C ~ 85°C
Dealers / Con.	Mounting Type	Surface Mount
8-SOIC (0.154", 3.90mm Width)	Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SOIC	Supplier Device Package	8-SOIC
Report erro		Report errors?

#### **EL5172IS-T7 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.

## **EL5172IS-T7 Payment Methods**



















### **EL5172IS-T7 Shipping Methods**













If you have any question about EL5172IS-T7, please do not hesitate to contact us!

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