



#### **EL5175IY-T13 Information**

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For Reference Only

Part Number EL5175IY-T13

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP DIFF 200MHZ 8MSOP

Package 8-TSSOP, 8-MSOP (0.118", 3.00mm 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**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









### **EL5175IY-T13 Specifications**

Manufacturer Part NumberEL5175IY-T13ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Amplifier TypeDifferentialNumber of Circuits1Output Type-Slew Rate900 V/μsGain Bandwidth Product200MHz-3db Bandwidth550MHzCurrent - Input Bias12.5μAVoltage - Input Offset3mVCurrent - Supply9.6mACurrent - Output / Channel-Voltage - Supply, Single/Dual (±)4.75 V ~ 11 V, ±2.38 V ~ 5.5 VOperating Temperature-40°C ~ 85°C		
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Series - Amplifier Type Differential  Number of Circuits 1  Output Type - Slew Rate 900 V/µs  Gain Bandwidth Product 200MHz  -3db Bandwidth 550MHz  Current - Input Bias 12.5µA  Voltage - Input Offset 3mV  Current - Supply 9.6mA  Current - Output / Channel - Voltage - Supply, Single/Dual (±) 4.75 V ~ 11 V, ±2.38 V ~ 5.5 V		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Differential  Number of Circuits 1  Output Type - Slew Rate 900 V/µs  Gain Bandwidth Product 200MHz -3db Bandwidth 550MHz  Current - Input Bias 12.5µA  Voltage - Input Offset 3mV  Current - Supply 9.6mA  Current - Output / Channel - Voltage - Supply, Single/Dual (±) 4.75 V ~ 11 V, ±2.38 V ~ 5.5 V	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Number of Circuits       1         Output Type       -         Slew Rate       900 V/μs         Gain Bandwidth Product       200MHz         -3db Bandwidth       550MHz         Current - Input Bias       12.5μA         Voltage - Input Offset       3mV         Current - Supply       9.6mA         Current - Output / Channel       -         Voltage - Supply, Single/Dual (±)       4.75 V ~ 11 V, ±2.38 V ~ 5.5 V	Series	-
Output Type - Slew Rate 900 V/ $\mu$ s Gain Bandwidth Product 200MHz -3db Bandwidth 550MHz Current - Input Bias 12.5 $\mu$ A Voltage - Input Offset 3mV Current - Supply 9.6mA Current - Output / Channel - Voltage - Supply, Single/Dual ( $\pm$ ) 4.75 V ~ 11 V, $\pm$ 2.38 V ~ 5.5 V	Amplifier Type	Differential
Slew Rate 900 V/ $\mu$ s  Gain Bandwidth Product 200MHz  -3db Bandwidth 550MHz  Current - Input Bias 12.5 $\mu$ A  Voltage - Input Offset 3mV  Current - Supply 9.6mA  Current - Output / Channel -  Voltage - Supply, Single/Dual ( $\pm$ ) 4.75 V ~ 11 V, $\pm$ 2.38 V ~ 5.5 V	Number of Circuits	1
Gain Bandwidth Product 200MHz  -3db Bandwidth 550MHz  Current - Input Bias 12.5 $\mu$ A  Voltage - Input Offset 3mV  Current - Supply 9.6mA  Current - Output / Channel -  Voltage - Supply, Single/Dual ( $\pm$ ) 4.75 V ~ 11 V, $\pm$ 2.38 V ~ 5.5 V	Output Type	-
$-3db \ Bandwidth \\ Current - Input \ Bias \\ Voltage - Input \ Offset \\ Supply \\ Current - Supply \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 4.75 \ V \sim 11 \ V, \pm 2.38 \ V \sim 5.5 \ V$	Slew Rate	900 V/μs
Current - Input Bias 12.5 $\mu$ A Voltage - Input Offset 3mV Current - Supply 9.6mA Current - Output / Channel - Voltage - Supply, Single/Dual ( $\pm$ ) 4.75 V ~ 11 V, $\pm$ 2.38 V ~ 5.5 V	Gain Bandwidth Product	200MHz
Voltage - Input Offset $3mV$ Current - Supply $9.6mA$ Current - Output / Channel - Voltage - Supply, Single/Dual $(\pm)$ $4.75\ V \sim 11\ V, \pm 2.38\ V \sim 5.5\ V$	-3db Bandwidth	550MHz
Current - Supply 9.6mA  Current - Output / Channel -  Voltage - Supply, Single/Dual (±) 4.75 V ~ 11 V, ±2.38 V ~ 5.5 V	Current - Input Bias	12.5μΑ
Current - Output / Channel - Voltage - Supply, Single/Dual (±) 4.75 V ~ 11 V, ±2.38 V ~ 5.5 V	Voltage - Input Offset	3mV
Voltage - Supply, Single/Dual ( $\pm$ ) 4.75 V ~ 11 V, $\pm$ 2.38 V ~ 5.5 V	Current - Supply	9.6mA
	Current - Output / Channel	-
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	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	Mounting Type	Surface Mount
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Supplier Device Package 8-MSOP	Supplier Device Package	8-MSOP
Report error		Report errors?

#### **EL5175IY-T13 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.

# **EL5175IY-T13 Payment Methods**



















### **EL5175IY-T13 Shipping Methods**













If you have any question about EL5175IY-T13, please do not hesitate to contact us!

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