



EL5170IY-T7 Information



For Reference Only

Part Number EL5170IY-T7

Manufacturer Intersil

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP DIFF 100MHZ 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

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EL5170IY-T7 Specifications

Manufacturer Part NumberEL5170IY-T7ManufacturerIntersilCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Amplifier TypeDifferentialNumber of Circuits1Output TypeDifferentialSlew Rate1100 V/μsGain Bandwidth Product3db Bandwidth100MHzCurrent - Input Bias6μAVoltage - Input Offset6mVCurrent - Supply7.4mACurrent - Output / Channel80mAVoltage - Supply, Single/Dual (±)4.75 V ~ 11 V, \pm 2.38 V ~ 5.5 VOperating Temperature-40°C ~ 85°C		
CategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Amplifier TypeDifferentialNumber of Circuits1Output TypeDifferentialSlew Rate1100 V/μsGain Bandwidth Product3db Bandwidth100MHzCurrent - Input Bias6μAVoltage - Input Offset6mVCurrent - Supply7.4mACurrent - Output / Channel80mAVoltage - Supply, Single/Dual (±)4.75 V ~ 11 V, ±2.38 V ~ 5.5 V	Manufacturer Part Number	EL5170IY-T7
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Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Amplifier TypeDifferentialNumber of Circuits1Output TypeDifferentialSlew Rate1100 V/μsGain Bandwidth Product3db Bandwidth100MHzCurrent - Input Bias6μAVoltage - Input Offset6mVCurrent - Supply7.4mACurrent - Output / Channel80mAVoltage - Supply, Single/Dual (±)4.75 V ~ 11 V, ±2.38 V ~ 5.5 V	Category	Integrated Circuits (ICs)
Series - Amplifier Type Differential Number of Circuits 1 Output Type Differential Slew Rate 1100 V/μs Gain Bandwidth Product		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Differential Number of Circuits 1 Output Type Differential Slew Rate $1100 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth 100MHz Current - Input Bias $6\mu\text{A}$ Voltage - Input Offset $6m\text{V}$ Current - Supply $7.4m\text{A}$ Current - Output / Channel $80m\text{A}$ Voltage - Supply, Single/Dual (\pm) $4.75 \text{ V} \sim 11 \text{ V}, \pm 2.38 \text{ V} \sim 5.5 \text{ V}$	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Number of Circuits 1 Output Type Differential Slew Rate 1100 V/ μ s Gain Bandwidth Product3db Bandwidth 100MHz Current - Input Bias 6 μ A Voltage - Input Offset 6mV Current - Supply 7.4mA Current - Output / Channel 80mA Voltage - Supply, Single/Dual (\pm) 4.75 V ~ 11 V, \pm 2.38 V ~ 5.5 V	Series	-
Output Type Differential Slew Rate $1100 \text{ V/}\mu\text{s}$ Gain Bandwidth Product	Amplifier Type	Differential
Slew Rate $ 1100 \text{ V/}\mu\text{s} $ $ Gain Bandwidth Product$	Number of Circuits	1
Gain Bandwidth Product	Output Type	Differential
$ \begin{array}{lll} -3 db \; Bandwidth & 100 MHz \\ Current \; - \; Input \; Bias & 6 \mu A \\ Voltage \; - \; Input \; Offset & 6 mV \\ Current \; - \; Supply & 7.4 mA \\ Current \; - \; Output \; / \; Channel & 80 mA \\ Voltage \; - \; Supply, \; Single / Dual \; (\pm) & 4.75 \; V \sim 11 \; V, \; \pm 2.38 \; V \sim 5.5 \; V \\ \end{array} $	Slew Rate	$1100 \text{ V/}\mu\text{s}$
Current - Input Bias $6\mu A$ Voltage - Input Offset $6mV$ Current - Supply $7.4mA$ Current - Output / Channel $80mA$ Voltage - Supply, Single/Dual (\pm) $4.75\ V \sim 11\ V, \pm 2.38\ V \sim 5.5\ V$	Gain Bandwidth Product	-
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	100MHz
Current - Supply 7.4mA Current - Output / Channel 80mA Voltage - Supply, Single/Dual (\pm) 4.75 V ~ 11 V, ± 2.38 V ~ 5.5 V	Current - Input Bias	6μΑ
Current - Output / Channel 80mA Voltage - Supply, Single/Dual (±) 4.75 V ~ 11 V, ±2.38 V ~ 5.5 V	Voltage - Input Offset	6mV
Voltage - Supply, Single/Dual (\pm) 4.75 V ~ 11 V, \pm 2.38 V ~ 5.5 V	Current - Supply	7.4mA
	Current - Output / Channel	80mA
Operating Temperature -40°C ~ 85°C	Voltage - Supply, Single/Dual (±)	4.75 V ~ 11 V, ±2.38 V ~ 5.5 V
Trans O Trans 10 Trans	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 erro		Report errors?

EL5170IY-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.

EL5170IY-T7 Payment Methods



















EL5170IY-T7 Shipping Methods













If you have any question about EL5170IY-T7, please do not hesitate to contact us!

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