

### **EL5203IY-T7 Information**



For Reference Only

Part Number EL5203IY-T7

Manufacturer Intersil

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP VFB 400MHZ 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.









# **EL5203IY-T7 Specifications**

Manufacturer Part NumberEL5203IY-T7ManufacturerIntersilCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Amplifier TypeVoltage FeedbackNumber of Circuits2Output Type-Slew Rate4000 V/μsGain Bandwidth Product3db Bandwidth400MHzCurrent - Input Bias2μAVoltage - Input Offset2mVCurrent - Supply5.2mACurrent - Output / Channel150mAVoltage - Supply, Single/Dual (±)3 V ~ 13.2 V, ±1.5 V ~ 6.6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount	_	
Category  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Package  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Series  - Amplifier Type  Voltage Feedback  Number of Circuits  2 Output Type  Slew Rate  4000 V/µs  Gain Bandwidth Product  -3db Bandwidth  400MHz  Current - Input Bias  Voltage - Input Offset  2mV  Current - Supply  5.2mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  3 V ~ 13.2 V, ±1.5 V ~ 6.6 V  Operating Temperature  -40°C ~ 85°C	Manufacturer Part Number	EL5203IY-T7
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Manufacturer	Intersil
Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Series -  Amplifier Type Voltage Feedback  Number of Circuits 2  Output Type -  Slew Rate $4000 \text{ V/}\mu\text{s}$ Gain Bandwidth Product -  -3db Bandwidth $4000 \text{ Hz}$ Current - Input Bias $2\mu\text{A}$ Voltage - Input Offset $2m\text{V}$ Current - Supply $5.2m\text{A}$ Current - Output / Channel $150m\text{A}$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 \text{ V} \sim 13.2 \text{ V}, \pm 1.5 \text{ V} \sim 6.6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Category	Integrated Circuits (ICs)
Series   -		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Voltage Feedback Number of Circuits 2 Output Type - Slew Rate $4000 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth $400 \text{MHz}$ Current - Input Bias $2\mu\text{A}$ Voltage - Input Offset $2\text{mV}$ Current - Supply $5.2\text{mA}$ Current - Output / Channel $150\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 \text{ V} \sim 13.2 \text{ V}, \pm 1.5 \text{ V} \sim 6.6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Number of Circuits 2 Output Type - Slew Rate 4000 V/ $\mu$ s Gain Bandwidth Product3db Bandwidth 400MHz Current - Input Bias 2 $\mu$ A Voltage - Input Offset 2 $\mu$ V Current - Supply 5.2 $\mu$ A Current - Output / Channel 150 $\mu$ A Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 13.2 V, $\pm$ 1.5 V ~ 6.6 V Operating Temperature -40°C ~ 85°C	Series	-
Output Type - Slew Rate $4000 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 3db Bandwidth $400\text{MHz}$ Current - Input Bias $2\mu\text{A}$ Voltage - Input Offset $2\text{mV}$ Current - Supply $5.2\text{mA}$ Current - Output / Channel $150\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 \text{ V} \sim 13.2 \text{ V}, \pm 1.5 \text{ V} \sim 6.6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Amplifier Type	Voltage Feedback
Slew Rate $4000 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth $400 \text{MHz}$ Current - Input Bias $2\mu\text{A}$ Voltage - Input Offset $2\text{mV}$ Current - Supply $5.2\text{mA}$ Current - Output / Channel $150\text{mA}$ Voltage - Supply, Single/Dual (±) $3 \text{ V} \sim 13.2 \text{ V}, \pm 1.5 \text{ V} \sim 6.6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Number of Circuits	2
Gain Bandwidth Product - 3db Bandwidth    Current - Input Bias    Voltage - Input Offset    Current - Supply    Current - Output / Channel    Voltage - Supply, Single/Dual ( $\pm$ )    Operating Temperature    - 40°C ~ 85°C	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	4000 V/μs
Current - Input Bias $2\mu A$ Voltage - Input Offset $2mV$ Current - Supply $5.2mA$ Current - Output / Channel $150mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 V \sim 13.2 V, \pm 1.5 V \sim 6.6 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$	Gain Bandwidth Product	-
Voltage - Input Offset $2mV$ Current - Supply $5.2mA$ Current - Output / Channel $150mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 V \sim 13.2 V$ , $\pm 1.5 V \sim 6.6 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$	-3db Bandwidth	400MHz
Current - Supply 5.2mA  Current - Output / Channel 150mA  Voltage - Supply, Single/Dual $(\pm)$ 3 V ~ 13.2 V, $\pm$ 1.5 V ~ 6.6 V  Operating Temperature -40°C ~ 85°C	Current - Input Bias	2μΑ
Current - Output / Channel 150mA  Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 13.2 V, $\pm$ 1.5 V ~ 6.6 V  Operating Temperature -40°C ~ 85°C	Voltage - Input Offset	2mV
Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 13.2 V, $\pm$ 1.5 V ~ 6.6 V Operating Temperature -40°C ~ 85°C	Current - Supply	5.2mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Current - Output / Channel	150mA
	Voltage - Supply, Single/Dual (±)	3 V ~ 13.2 V, ±1.5 V ~ 6.6 V
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 85°C
	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?

### **EL5203IY-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.

# **EL5203IY-T7 Payment Methods**



















### **EL5203IY-T7 Shipping Methods**













If you have any question about EL5203IY-T7, please do not hesitate to contact us!

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