



# **EL8201IS-T7 Information**



For Reference Only

Part Number EL8201IS-T7

Manufacturer Intersil

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP VFB 100MHZ RRO 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**

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.









# **EL8201IS-T7 Specifications**

Manufacturer Part Number       EL8201IS-T7         Manufacturer       Intersil         Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       8-SOIC (0.154", 3.90mm Width)         Series       -         Amplifier Type       Voltage Feedback         Number of Circuits       2         Output Type       Rail-to-Rail         Slew Rate       200 V/μs         Gain Bandwidth Product       100MHz         -3db Bandwidth       200MHz         Current - Input Bias       1.6μA         Voltage - Input Offset       800μV         Current - Supply       2mA         Current - Output / Channel       65mA         Voltage - Supply, Single/Dual (±)       3 V ~ 5 V, ±1.5 V ~ 2.5 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Package / Case       8-SOIC (0.154", 3.90mm Width)         Supplier Device Package       8-SOIC		
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Series - Amplifier Type Voltage Feedback Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 200 V/μs Gain Bandwidth Product 100MHz -3db Bandwidth Current - Input Bias 1.6μA Voltage - Input Offset 800μV Current - Supply 2mA Current - Output / Channel 65mA Voltage - Supply, Single/Dual (±) 3 V ~ 5 V, ±1.5 V ~ 2.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeVoltage FeedbackNumber of Circuits2Output TypeRail-to-RailSlew Rate200 V/μsGain Bandwidth Product100MHz-3db Bandwidth200MHzCurrent - Input Bias1.6μAVoltage - Input Offset800μVCurrent - Supply2mACurrent - Output / Channel65mAVoltage - Supply, Single/Dual (±)3 V ~ 5 V, ±1.5 V ~ 2.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 200 V/ $\mu$ s Gain Bandwidth Product 100MHz -3db Bandwidth 200MHz Current - Input Bias 1.6 $\mu$ A Voltage - Input Offset 800 $\mu$ V Current - Supply 2mA Current - Output / Channel 65mA Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 5 V, $\pm$ 1.5 V ~ 2.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Series	-
Output Type Rail-to-Rail  Slew Rate 200 V/ $\mu$ s  Gain Bandwidth Product 100MHz  -3db Bandwidth 200MHz  Current - Input Bias 1.6 $\mu$ A  Voltage - Input Offset 800 $\mu$ V  Current - Supply 2mA  Current - Output / Channel 65mA  Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 5 V, $\pm$ 1.5 V ~ 2.5 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Amplifier Type	Voltage Feedback
Slew Rate 200 V/ $\mu$ s  Gain Bandwidth Product 100MHz  -3db Bandwidth 200MHz  Current - Input Bias 1.6 $\mu$ A  Voltage - Input Offset 800 $\mu$ V  Current - Supply 2mA  Current - Output / Channel 65mA  Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 5 V, $\pm$ 1.5 V ~ 2.5 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Number of Circuits	2
Gain Bandwidth Product 100MHz 100MHz 200MHz 1.6 $\mu$ A Voltage - Input Difset 800 $\mu$ V Current - Supply 2mA Current - Output / Channel 65mA Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 5 V, $\pm$ 1.5 V ~ 2.5 V Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Output Type	Rail-to-Rail
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	$200 \text{ V/}\mu\text{s}$
Current - Input Bias $1.6\mu A$ Voltage - Input Offset $800\mu V$ Current - Supply $2mA$ Current - Output / Channel $65mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $3 \ V \sim 5 \ V, \pm 1.5 \ V \sim 2.5 \ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface \ Mount$ Package / Case $8-SOIC \ (0.154'', 3.90mm \ Width)$ Supplier Device Package $8-SOIC$	Gain Bandwidth Product	100MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	200MHz
Current - Supply 2mA  Current - Output / Channel 65mA  Voltage - Supply, Single/Dual (±) 3 V ~ 5 V, ±1.5 V ~ 2.5 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Current - Input Bias	1.6μΑ
Current - Output / Channel 65mA  Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 5 V, $\pm$ 1.5 V ~ 2.5 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Voltage - Input Offset	$800\mu V$
Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 5 V, $\pm$ 1.5 V ~ 2.5 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Current - Supply	2mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Current - Output / Channel	65mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	3 V ~ 5 V, ±1.5 V ~ 2.5 V
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
	Supplier Device Package	8-SOIC
Report errors		Report errors?

### **EL8201IS-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.

# **EL8201IS-T7 Payment Methods**



















### **EL8201IS-T7 Shipping Methods**













If you have any question about EL8201IS-T7, please do not hesitate to contact us!

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