

### **EL8102ISZ Information**

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For Reference Only

Part Number EL8102ISZ Manufacturer Intersil

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP VFB 200MHZ 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.









# **EL8102ISZ Specifications**

Manufacturer Part NumberEL8102ISZManufacturerIntersilCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeVoltage FeedbackNumber of Circuits1Output TypeRail-to-RailSlew Rate600 V/μsGain Bandwidth Product200MHz-3db Bandwidth500MHzCurrent - Input Bias6μAVoltage - Input Offset800μVCurrent - Supply5.6mACurrent - Output / Channel65mAVoltage - Supply, Single/Dual (±)3 V ~ 5 V, ±1.5 V ~ 2.5 V	-	
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       1         Output Type       Rail-to-Rail         Slew Rate       600 V/μs         Gain Bandwidth Product       200MHz         -3db Bandwidth       500MHz         Current - Input Bias       6μA         Voltage - Input Offset       800μV         Current - Supply       5.6mA         Current - Output / Channel       65mA	Manufacturer Part Number	EL8102ISZ
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       8-SOIC (0.154", 3.90mm Width)         Series       -         Amplifier Type       Voltage Feedback         Number of Circuits       1         Output Type       Rail-to-Rail         Slew Rate       600 V/μs         Gain Bandwidth Product       200MHz         -3db Bandwidth       500MHz         Current - Input Bias       6μA         Voltage - Input Offset       800μV         Current - Supply       5.6mA         Current - Output / Channel       65mA	Manufacturer	Intersil
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Output Type  Rail-to-Rail  Slew Rate  600 V/µs  Gain Bandwidth Product  -3db Bandwidth  500MHz  Current - Input Bias  6µA  Voltage - Input Offset  800µV  Current - Supply  5.6mA  Current - Output / Channel  65mA	Amplifier Type	Voltage Feedback
Slew Rate 600 V/µs  Gain Bandwidth Product 200MHz  -3db Bandwidth 500MHz  Current - Input Bias 6µA  Voltage - Input Offset 800µV  Current - Supply 5.6mA  Current - Output / Channel 65mA	Number of Circuits	1
Gain Bandwidth Product  -3db Bandwidth  500MHz  Current - Input Bias  6μA  Voltage - Input Offset  800μV  Current - Supply  5.6mA  Current - Output / Channel  65mA	Output Type	Rail-to-Rail
-3db Bandwidth 500MHz  Current - Input Bias 6μA  Voltage - Input Offset 800μV  Current - Supply 5.6mA  Current - Output / Channel 65mA	Slew Rate	600 V/μs
$\begin{array}{lll} Current - Input \ Bias & 6 \mu A \\ Voltage - Input \ Offset & 800 \mu V \\ Current - Supply & 5.6 mA \\ Current - Output / Channel & 65 mA \end{array}$	Gain Bandwidth Product	200MHz
Voltage - Input Offset 800µV Current - Supply 5.6mA Current - Output / Channel 65mA	-3db Bandwidth	500MHz
Current - Supply 5.6mA Current - Output / Channel 65mA	Current - Input Bias	6μΑ
Current - Output / Channel 65mA	Voltage - Input Offset	$800\mu V$
	Current - Supply	5.6mA
Voltage - Supply, Single/Dual ( $\pm$ ) 3 V ~ 5 V, $\pm 1.5$ V ~ 2.5 V	Current - Output / Channel	65mA
	Voltage - Supply, Single/Dual (±)	3 V ~ 5 V, ±1.5 V ~ 2.5 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 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 error		Report errors?

### **EL8102ISZ 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.

# **EL8102ISZ Payment Methods**



















### **EL8102ISZ Shipping Methods**













If you have any question about EL8102ISZ, please do not hesitate to contact us!

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