

### **EL5156ISZ Information**



For Reference Only

Part Number EL5156ISZ Manufacturer Intersil

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP VFB 210MHZ 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.









# **EL5156ISZ Specifications**

Manufacturer Part Number         EL5156ISZ           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         1           Output Type         -           Slew Rate         700 V/μs           Gain Bandwidth Product         210MHz           -3db Bandwidth         600MHz           Current - Input Bias         400nA           Voltage - Input Offset         500μV           Current - Supply         6mA           Current - Output / Channel         140mA           Voltage - Supply, Single/Dual (±)         4.5 V ~ 12 V, ±2.25 V ~ 6 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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Output Type  Slew Rate  700 V/µs  Gain Bandwidth Product  -3db Bandwidth  600MHz  Current - Input Bias  400nA  Voltage - Input Offset  500µV  Current - Supply  6mA  Current - Output / Channel  140mA  Voltage - Supply, Single/Dual (±)  Operating Temperature  4.5 V ~ 12 V, ±2.25 V ~ 6 V  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Amplifier Type	Voltage Feedback
Slew Rate  Gain Bandwidth Product 210MHz  -3db Bandwidth 600MHz  Current - Input Bias 400nA  Voltage - Input Offset 500μV  Current - Supply 6mA  Current - Output / Channel 140mA  Voltage - Supply, Single/Dual (±) 4.5 V ~ 12 V, ±2.25 V ~ 6 V  Operating Temperature 4.6° C ~ 85° C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Number of Circuits	1
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	-
$-3 db \ Bandwidth \\ Current - Input \ Bias \\ 400 nA \\ Voltage - Input \ Offset \\ 500 \mu V \\ Current - Supply \\ 6mA \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 4.5 \ V \sim 12 \ V, \pm 2.25 \ V \sim 6 \ V \\ Operating \ Temperature \\ 4.0 \ V \sim 85 \ C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 8-SOIC (0.154", 3.90 mm \ Width) \\ Supplier \ Device \ Package \\ 8-SOIC \\$	Slew Rate	700 V/μs
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	210MHz
Voltage - Input Offset	-3db Bandwidth	600MHz
Current - Supply 6mA  Current - Output / Channel 140mA  Voltage - Supply, Single/Dual (±) 4.5 V ~ 12 V, ±2.25 V ~ 6 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	400nA
Current - Output / Channel $140 \text{mA}$ Voltage - Supply, Single/Dual (±) $4.5 \text{ V} \sim 12 \text{ V}, \pm 2.25 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-SOIC}$ ( $0.154^{\circ}$ , $3.90 \text{mm}$ Width)Supplier Device Package $8\text{-SOIC}$	Voltage - Input Offset	500μV
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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 - Output / Channel	140mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	4.5 V ~ 12 V, ±2.25 V ~ 6 V
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Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors <sup>c</sup>	Supplier Device Package	8-SOIC
Report cirois		Report errors?

### **EL5156ISZ 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.

# **EL5156ISZ Payment Methods**



















### **EL5156ISZ Shipping Methods**













If you have any question about EL5156ISZ, please do not hesitate to contact us!

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