

EL1516ISZ Information



For Reference Only

Part Number EL1516ISZ Manufacturer Intersil

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP DIFF 350MHZ 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



Request a Quote

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.









EL1516ISZ Specifications

Manufacturer Part Number EL1516ISZ Manufacturer Intersil Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type Differential Number of Circuits 2 Output Type - Slew Rate 128 V/μs Gain Bandwidth Product - -3db Bandwidth 350MHz Current - Input Bias 6.5μA Voltage - Input Offset 100μV Current - Supply 5.8mA Current - Output / Channel 160mA Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	•	
Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type Differential Number of Circuits 2 Output Type - Slew Rate 128 V/μs Gain Bandwidth Product - -3db Bandwidth 350MHz Current - Input Bias 6.5μA Voltage - Input Offset 100μV Current - Output / Channel 160mA Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	EL1516ISZ
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type Differential Number of Circuits 2 Output Type - Slew Rate 128 V/μs Gain Bandwidth Product - -3db Bandwidth 350MHz Current - Input Bias 6.5μA Voltage - Input Offset 100μV Current - Supply 5.8mA Current - Output / Channel 160mA Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Manufacturer	Intersil
Package8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeDifferentialNumber of Circuits2Output Type-Slew Rate128 V/μsGain Bandwidth Product3db Bandwidth350MHzCurrent - Input Bias6.5μAVoltage - Input Offset100μVCurrent - Supply5.8mACurrent - Output / Channel160mAVoltage - Supply, Single/Dual (±)5 V ~ 12 V, ±2.5 V ~ 6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
Series - Amplifier Type Differential Number of Circuits 2 Output Type - Slew Rate 128 V/ μ s Gain Bandwidth Product		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Differential Number of Circuits 2 Output Type - Slew Rate 128 V/ μ s Gain Bandwidth Product3db Bandwidth 350MHz Current - Input Bias 6.5 μ A Voltage - Input Offset 100 μ V Current - Supply 5.8mA Current - Output / Channel 160mA Voltage - Supply, Single/Dual (\pm) 5 V ~ 12 V, \pm 2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits 2 Output Type - Slew Rate 128 V/μs Gain Bandwidth Product - -3db Bandwidth 350MHz Current - Input Bias 6.5μA Voltage - Input Offset 100μV Current - Supply 5.8mA Current - Output / Channel 160mA Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Series	-
Output Type - Slew Rate 128 V/μs Gain Bandwidth Product - -3db Bandwidth 350MHz Current - Input Bias 6.5μA Voltage - Input Offset 100μV Current - Supply 5.8mA Current - Output / Channel 160mA Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Amplifier Type	Differential
Slew Rate $128 \text{ V/}\mu\text{s}$ Gain Bandwidth Product3db Bandwidth 350MHz Current - Input Bias $6.5\mu\text{A}$ Voltage - Input Offset $100\mu\text{V}$ Current - Supply 5.8mA Current - Output / Channel 160mA Voltage - Supply, Single/Dual (±) $5 \text{ V} \sim 12 \text{ V}, \pm 2.5 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8-\text{SOIC } (0.154^{\circ}\text{N}, 3.90 \text{mm Width})$	Number of Circuits	2
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	-
$-3db \ Bandwidth \\ Current - Input \ Bias \\ Voltage - Input \ Offset \\ 100\mu V \\ Current - Supply \\ S.8mA \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 5 \ V \sim 12 \ V, \pm 2.5 \ V \sim 6 \ V \\ Operating \ Temperature \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 8-SOIC (0.154", 3.90mm \ Width)$	Slew Rate	128 V/μs
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	-
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	350MHz
Current - Supply $5.8 mA$ Current - Output / Channel $160 mA$ Voltage - Supply, Single/Dual (\pm) $5 \text{ V} \sim 12 \text{ V}, \pm 2.5 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 8-SOIC (0.154° , $3.90 mm$ Width)	Current - Input Bias	6.5μΑ
Current - Output / Channel 160mA Voltage - Supply, Single/Dual (\pm) 5 V ~ 12 V, \pm 2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Input Offset	$100\mu V$
Voltage - Supply, Single/Dual (\pm) 5 V ~ 12 V, \pm 2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Supply	5.8mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Output / Channel	160mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Supply, Single/Dual (±)	5 V ~ 12 V, ±2.5 V ~ 6 V
Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SOIC	Supplier Device Package	8-SOIC
Report errors		Report errors?

EL1516ISZ 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.

EL1516ISZ Payment Methods





















EL1516ISZ Shipping Methods













If you have any question about EL1516ISZ, please do not hesitate to contact us!

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