

EL5100IS Information



For Reference Only

Part Number EL5100IS
Manufacturer Intersil

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP VFB 200MHZ 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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EL5100IS Specifications

Manufacturer Part Number EL5100IS 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 2200 V/μs Gain Bandwidth Product - -3db Bandwidth 200MHz Current - Input Bias 2μA Voltage - Input Offset ImV Current - Supply 2.5mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 3.3 V ~ 12 V, ±1.65 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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Amplifier TypeVoltage FeedbackNumber of Circuits1Output Type-Slew Rate2200 V/μsGain Bandwidth Product3db Bandwidth200MHzCurrent - Input Bias2μAVoltage - Input Offset1mVCurrent - Supply2.5mACurrent - Output / Channel100mAVoltage - Supply, Single/Dual (±)3.3 V ~ 12 V, ±1.65 V ~ 6 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 1 Output Type - Slew Rate 2200 V/μs Gain Bandwidth Product - -3db Bandwidth 200MHz Current - Input Bias 2μA Voltage - Input Offset 1mV Current - Supply 2.5mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 3.3 V ~ 12 V, ±1.65 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	Series	-
Output Type - Slew Rate - 2200 V/ μ s - Gain Bandwidth Product	Amplifier Type	Voltage Feedback
Slew Rate 2200 V/ μ s Gain Bandwidth Product3db Bandwidth 200MHz Current - Input Bias 2 μ A Voltage - Input Offset 1mV Current - Supply 2.5mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (\pm) 3.3 V ~ 12 V, \pm 1.65 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	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth 200MHz Current - Input Bias 2μA Voltage - Input Offset 1mV Current - Supply 2.5mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 3.3 V ~ 12 V, ±1.65 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	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	2200 V/μs
Current - Input Bias $2\mu A$ Voltage - Input Offset $1mV$ Current - Supply $2.5mA$ Current - Output / Channel $100mA$ Voltage - Supply, Single/Dual (\pm) $3.3~V \sim 12~V, \pm 1.65~V \sim 6~V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount Package / Case 8 -SOIC $(0.154^{\circ}, 3.90mm~Width)$ Supplier Device Package 8 -SOIC	Gain Bandwidth Product	-
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	200MHz
Current - Supply 2.5mA Current - Output / Channel 100mA Voltage - Supply, Single/Dual (±) 3.3 V ~ 12 V, ±1.65 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	2μΑ
Current - Output / Channel 100mA Voltage - Supply, Single/Dual (\pm) $3.3 \text{ V} \sim 12 \text{ V}, \pm 1.65 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 8-SOIC (0.154° , 3.90mm Width)Supplier Device Package 8-SOIC	Voltage - Input Offset	1mV
Voltage - Supply, Single/Dual (\pm) 3.3 V ~ 12 V, \pm 1.65 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 - Supply	2.5mA
$ \begin{array}{lll} \mbox{Operating Temperature} & -40^{\circ}\mbox{C} \sim 85^{\circ}\mbox{C} \\ \mbox{Mounting Type} & \mbox{Surface Mount} \\ \mbox{Package / Case} & 8-\mbox{SOIC } (0.154", 3.90\mbox{mm Width}) \\ \mbox{Supplier Device Package} & 8-\mbox{SOIC} \\ \end{array} $	Current - Output / Channel	100mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	3.3 V ~ 12 V, ±1.65 V ~ 6 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?

EL5100IS 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.

EL5100IS Payment Methods



















EL5100IS Shipping Methods













If you have any question about EL5100IS, please do not hesitate to contact us!

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