



ISL55191IBZ Information



For Reference Only

Part Number ISL55191IBZ

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP VFB 800MHZ 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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ISL55191IBZ Specifications

Manufacturer Part Number ISL55191IBZ Manufacturer Renesas Electronics America 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 260 V/μs Gain Bandwidth Product 800MHz -3db Bandwidth - Current - Input Bias 12μA Voltage - Input Offset 170μV Current - Output / Channel 132mA 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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$\begin{array}{c} \text{Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps} \\ \text{Package} & 8\text{-SOIC } (0.154\text{"}, 3.90\text{mm Width}) \\ \text{Series} & - \\ \text{Amplifier Type} & \text{Voltage Feedback} \\ \text{Number of Circuits} & 1 \\ \text{Output Type} & \text{Rail-to-Rail} \\ \text{Slew Rate} & 260 \text{ V/}\mu\text{s} \\ \text{Gain Bandwidth Product} & 800\text{MHz} \\ -3\text{db Bandwidth} & - \\ \text{Current - Input Bias} & 12\mu\text{A} \\ \text{Voltage - Input Offset} & 170\mu\text{V} \\ \text{Current - Supply} & 12\text{mA} \\ \text{Current - Output / Channel} & 132\text{mA} \\ \text{Voltage - Supply, Single/Dual } (\pm) & 3 \text{ V} \sim 5 \text{ V}, \pm 1.5 \text{ V} \sim 2.5 \text{ V} \\ \text{Operating Temperature} & -40^{\circ}\text{C} \sim 85^{\circ}\text{C} \\ \text{Mounting Type} & \text{Surface Mount} \\ \text{Package / Case} & 8\text{-SOIC } (0.154\text{"}, 3.90\text{mm Width}) \\ \text{Supplier Device Package} & 8\text{-SOIC} \\ \end{array}$	Manufacturer	Renesas Electronics America
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Slew Rate 260 V/µs 800MHz 800MHz -3db Bandwidth Product 800MHz - Current - Input Bias 12µA Voltage - Input Offset 170µV Current - Supply 12mA Current - Output / Channel 132mA Voltage - Supply, Single/Dual (\pm) 3 V \sim 5 V, \pm 1.5 V \sim 2.5 V Operating Temperature -40°C \sim 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 - Current - Input Bias 12μA Voltage - Input Offset 170μV Current - Supply 12mA Current - Output / Channel 132mA 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	Output Type	Rail-to-Rail
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	260 V/μs
Current - Input Bias $12\mu A$ Voltage - Input Offset $170\mu V$ Current - Supply $12mA$ Current - Output / Channel $132mA$ 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	800MHz
Voltage - Input Offset $170\mu V$ Current - Supply $12mA$ Current - Output / Channel $132mA$ 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 $8-SOIC$	-3db Bandwidth	-
Current - Supply $12mA$ Current - Output / Channel $132mA$ Voltage - Supply, Single/Dual (\pm) $3 \text{ V} \sim 5 \text{ V}, \pm 1.5 \text{ V} \sim 2.5 \text{ V}$ 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	Current - Input Bias	12μΑ
Current - Output / Channel 132mA 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	$170\mu V$
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	12mA
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	132mA
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)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

ISL55191IBZ 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.

ISL55191IBZ Payment Methods



















ISL55191IBZ Shipping Methods













If you have any question about ISL55191IBZ, please do not hesitate to contact us!

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