



ISL55190IBZ-T13 Information



For Reference Only

Part Number ISL55190IBZ-T13

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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ISL55190IBZ-T13 Specifications

Manufacturer Part NumberISL55190IBZ-T13ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeVoltage FeedbackNumber of Circuits1Output TypeRail-to-RailSlew Rate268 V/μsGain Bandwidth Product800MHz-3db Bandwidth-Current - Input Bias25μAVoltage - Input Offset300μVCurrent - Supply30mACurrent - Output / Channel130mAVoltage - Supply, Single/Dual (±)3 V ~ 5 V, ±1.5 V ~ 2.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)		
Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type Voltage Feedback Number of Circuits 1 Output Type Rail-to-Rail Slew Rate 268 V/μs Gain Bandwidth Product 800MHz -3db Bandwidth - Current - Input Bias 25μA Voltage - Input Offset 300μV Current - Supply 30mA Current - Output / Channel 130mA Voltage - Supply, Single/Dual (±) 3 V ~ 5 V, ±1.5 V ~ 2.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Manufacturer Part Number	ISL55190IBZ-T13
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Slew Rate 268 V/ μ s Gain Bandwidth Product 800MHz -3db Bandwidth - Current - Input Bias 25 μ A Voltage - Input Offset 300 μ V Current - Supply 30mA Current - Output / Channel 130mA 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	Number of Circuits	1
Gain Bandwidth Product 800MHz -3db Bandwidth - Current - Input Bias 25 μ A Voltage - Input Offset 300 μ V Current - Supply 30mA Current - Output / Channel 130mA 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	Output Type	Rail-to-Rail
$-3db \ Bandwidth \\ - \\ Current - Input \ Bias \\ Voltage - Input \ Offset \\ 300\mu V \\ Current - Supply \\ 30mA \\ Current - Output / Channel \\ 130mA \\ Voltage - Supply, Single/Dual (\pm) 3 \ V \sim 5 \ V, \pm 1.5 \ V \sim 2.5 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 85^{\circ}C \\ Mounting \ Type \\ Surface \ Mount$	Slew Rate	268 V/μs
Current - Input Bias $25\mu A$ Voltage - Input Offset $300\mu V$ Current - Supply $30mA$ Current - Output / Channel $130mA$ 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	Gain Bandwidth Product	800MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $30mA$ Current - Output / Channel $130mA$ 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 Mount	Current - Input Bias	25μΑ
Current - Output / Channel 130mA 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	Voltage - Input Offset	300μV
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	Current - Supply	30mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Output / Channel	130mA
Mounting Type Surface Mount	Voltage - Supply, Single/Dual (±)	$3 \text{ V} \sim 5 \text{ V}, \pm 1.5 \text{ V} \sim 2.5 \text{ V}$
	Operating Temperature	-40°C ~ 85°C
Package / Case 8-SOIC (0.154", 3.90mm Width)	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?

ISL55190IBZ-T13 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.

ISL55190IBZ-T13 Payment Methods



















ISL55190IBZ-T13 Shipping Methods













If you have any question about ISL55190IBZ-T13, please do not hesitate to contact us!

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