



ISL55190IBZ-T13 Information

Part Number ISL55190IBZ-T13

Manufacturer Intersil

Category Integrated 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-T13ManufacturerIntersilCategoryIntegrated 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 Mount		
$ \begin{array}{c} Category & Integrated Circuits (ICs) \\ \hline Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps \\ \hline Package & 8-SOIC (0.154", 3.90mm Width) \\ \hline Series & - \\ \hline Amplifier Type & Voltage Feedback \\ \hline Number of Circuits & 1 \\ \hline Output Type & Rail-to-Rail \\ \hline Slew Rate & 268 V/\mus \\ \hline Gain Bandwidth Product & 800MHz \\ \hline -3db Bandwidth & - \\ \hline Current - Input Bias & 25 \mu A \\ \hline Voltage - Input Offset & 300 \mu V \\ \hline Current - Supply & 30mA \\ \hline Current - Output / Channel & 130mA \\ \hline Voltage - Supply, Single/Dual (\pm) & 3 V ~ 5 V, \pm1.5 V ~ 2.5 V \\ \hline Operating Temperature & -40°C ~ 85°C \\ \hline \end{array} $	Manufacturer Part Number	ISL55190IBZ-T13
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Manufacturer	Intersil
Package 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/ 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	Category	Integrated Circuits (ICs)
Series - Amplifier Type Voltage Feedback Number of Circuits 1 Output Type Rail-to-Rail Slew Rate $268 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 800MHz -3db Bandwidth - Current - Input Bias $25\mu\text{A}$ Voltage - Input Offset $300\mu\text{V}$ 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 $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
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Output Type Rail-to-Rail 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	Amplifier Type	Voltage Feedback
Slew Rate $ 268 \text{ V/}\mu\text{s} $ Gain Bandwidth Product $ 800 \text{MHz} $ $-3 \text{db Bandwidth} $ $- \text{Current - Input Bias} $ $25 \mu\text{A} $ $Voltage - Input Offset $ $300 \mu\text{V} $ $\text{Current - Supply} $ $30 \text{mA} $ $\text{Current - Output / Channel} $ $130 \text{mA} $ $\text{Voltage - Supply, Single/Dual (±)} $ $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} $	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	Output Type	Rail-to-Rail
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	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 $-40^{\circ}C \sim 85^{\circ}C$	Gain Bandwidth Product	800MHz
$Voltage - Input Offset \\ Supply \\ 30mA \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (±) \\ Operating Temperature \\ 300\mu V \\ 30mA \\ 3 V \sim 5 V, \pm 1.5 V \sim 2.5 V \\ -40^{\circ}C \sim 85^{\circ}C$	-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 $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	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	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	Current - Supply	30mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Current - Output / Channel	130mA
	Voltage - Supply, Single/Dual (±)	3 V ~ 5 V, ±1.5 V ~ 2.5 V
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Package / Case 8-SOIC (0.154", 3.90mm Width)	Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SOIC	Supplier Device Package	8-SOIC
Report error		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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