



ISL28248FBZ Information



For Reference Only

Part Number ISL28248FBZ

Manufacturer Intersil

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 4.5MHZ 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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ISL28248FBZ Specifications

Manufacturer Part Number Manufacturer Category Intersil Intersil Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 4 V/µs Gain Bandwidth Product -3db Bandwidth 13MHz Current - Input Bias 1pA Voltage - Input Offset 1.8mV Current - Supply 900µA Current - Output / Channel Voltage - Supply, Single/Dual (±) Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Surface Mount Supplier Device Package 8-SOIC		
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Series -		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate4 V/μsGain Bandwidth Product4.5MHz-3db Bandwidth13MHzCurrent - Input Bias1pAVoltage - Input Offset1.8mVCurrent - Supply900μACurrent - Output / Channel75mAVoltage - Supply, Single/Dual (±)2.4 V ~ 5.5 V, ±1.2 V ~ 2.75 VOperating Temperature-40°C ~ 125°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 2 Output Type Rail-to-Rail Slew Rate 4 V/μ s Gain Bandwidth Product 4.5MHz -3db Bandwidth 13MHz Current - Input Bias 1pA Voltage - Input Offset 1.8mV Current - Supply 900 μ A Current - Output / Channel 75mA Voltage - Supply, Single/Dual (\pm) 2.4 V ~ 5.5 V, \pm 1.2 V ~ 2.75 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Series	-
Output Type Rail-to-Rail Slew Rate $4 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 4.5MHz -3db Bandwidth 13MHz Current - Input Bias 1pA Voltage - Input Offset 1.8mV Current - Supply $900\mu\text{A}$ Current - Output / Channel 75mA Voltage - Supply, Single/Dual (\pm) $2.4 \text{ V} \sim 5.5 \text{ V}, \pm 1.2 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8-\text{SOIC}$ $(0.154^{\circ}, 3.90\text{mm} \text{ Width})$ Supplier Device Package $8-\text{SOIC}$	Amplifier Type	General Purpose
Slew Rate $4 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 4.5MHz -3db Bandwidth 13MHz -3db Bandwidth 13MHz -3db Bandwidth $-3 $	Number of Circuits	2
Gain Bandwidth Product -3db Bandwidth 13MHz Current - Input Bias Voltage - Input Offset 1.8mV Current - Supply 900μA Current - Output / Channel Voltage - Supply, Single/Dual (±) 2.4 V ~ 5.5 V, ±1.2 V ~ 2.75 V Operating Temperature 4-0°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Output Type	Rail-to-Rail
-3db Bandwidth 13MHz Current - Input Bias 1pA Voltage - Input Offset 1.8mV Current - Supply 900μA Current - Output / Channel 75mA Voltage - Supply, Single/Dual (±) 2.4 V ~ 5.5 V, ±1.2 V ~ 2.75 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Slew Rate	4 V/μs
Current - Input Bias 1pA Voltage - Input Offset 1.8mV Current - Supply 900 μ A Current - Output / Channel 75mA Voltage - Supply, Single/Dual (\pm) 2.4 V ~ 5.5 V, \pm 1.2 V ~ 2.75 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Gain Bandwidth Product	4.5MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	13MHz
Current - Supply 900 μ A Current - Output / Channel 75mA Voltage - Supply, Single/Dual (±) 2.4 V ~ 5.5 V, ±1.2 V ~ 2.75 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Input Bias	1pA
Current - Output / Channel $75mA$ Voltage - Supply, Single/Dual (\pm) $2.4 \text{ V} \sim 5.5 \text{ V}, \pm 1.2 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case8-SOIC (0.154° , 3.90mm Width)Supplier Device Package8-SOIC	Voltage - Input Offset	1.8mV
Voltage - Supply, Single/Dual (\pm) 2.4 V ~ 5.5 V, \pm 1.2 V ~ 2.75 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Supply	900μΑ
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Output / Channel	75mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	2.4 V ~ 5.5 V, ±1.2 V ~ 2.75 V
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 125°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?

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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.

ISL28248FBZ Payment Methods





















ISL28248FBZ Shipping Methods













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