



ISL28288FUZ Information

Part Number ISL28288FUZ

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 300KHZ RRO 10MSOP

Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

For Reference Only

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









ISL28288FUZ Specifications

| Manufacturer Part Number ISL28288FUZ Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Series - Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 0.14 V/μs Gain Bandwidth Product 300kHz -3db Bandwidth - Current - Input Bias 10pA Voltage - Input Offset 50μV Current - Supply 120μA Current - Output / Channel 31mA 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 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) | | |
|--|-----------------------------------|---|
| Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps | Manufacturer Part Number | ISL28288FUZ |
| Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps | Manufacturer | Renesas Electronics America |
| Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Series - Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 0.14 V/μs Gain Bandwidth Product 300kHz -3db Bandwidth - Current - Input Bias 10pA Voltage - Input Offset 50μV Current - Supply 120μA Current - Output / Channel 31mA 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 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP | Category | Integrated Circuits (ICs) |
| Series - Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 0.14 V/μs Gain Bandwidth Product 300kHz -3db Bandwidth - Current - Input Bias 10pA Voltage - Input Offset 50μV Current - Supply 120μA Current - Output / Channel 31mA 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 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP | | Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps |
| Amplifier Type Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 0.14 V/µs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset 50µV Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature -40°C ~ 125°C Mounting Type Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package | Package | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | Series | - |
| Output Type Rail-to-Rail Slew Rate 0.14 V/ μ s Gain Bandwidth Product 300kHz -3db Bandwidth - Current - Input Bias 10pA Voltage - Input Offset 50 μ V Current - Supply 120 μ A Current - Output / Channel 31mA 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 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP | Amplifier Type | General Purpose |
| Slew Rate 0.14 V/ μ s Gain Bandwidth Product 300kHz -3db Bandwidth - Current - Input Bias 10pA Voltage - Input Offset 50 μ V Current - Supply 120 μ A Current - Output / Channel 31mA 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 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP | Number of Circuits | 2 |
| $ \begin{array}{llllllllllllllllllllllllllllllllllll$ | Output Type | Rail-to-Rail |
| $-3 db \ Bandwidth \\ -Current - Input \ Bias \\ Voltage - Input \ Offset \\ Supply \\ Current - Supply \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 2.4 \ V \sim 5.5 \ V, \pm 1.2 \ V \sim 2.75 \ V \\ Operating \ Temperature \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ Supplier \ Device \ Package \\ 10-MSOP \\ 10-MSOP$ | Slew Rate | $0.14 \text{ V/}\mu\text{s}$ |
| Current - Input Bias $10pA$ Voltage - Input Offset $50\mu V$ Current - Supply $120\mu A$ Current - Output / Channel $31mA$ Voltage - Supply, Single/Dual (\pm) $2.4 \ V \sim 5.5 \ V, \pm 1.2 \ V \sim 2.75 \ V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type $Surface \ Mount$ Package / Case $10\text{-TFSOP}, 10\text{-MSOP} \ (0.118'', 3.00mm \ Width)$ Supplier Device Package 10-MSOP | Gain Bandwidth Product | 300kHz |
| $\begin{tabular}{lllllllllllllllllllllllllllllllllll$ | -3db Bandwidth | - |
| Current - Supply 120 μ A Current - Output / Channel 31mA 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 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP | Current - Input Bias | 10pA |
| Current - Output / Channel 31mA 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 / Case $10\text{-TFSOP}, 10\text{-MSOP}$ ($0.118\text{"}, 3.00 \text{mm}$ Width)Supplier Device Package 10-MSOP | Voltage - Input Offset | 50μV |
| 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 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP | Current - Supply | 120μΑ |
| Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP | Current - Output / Channel | 31mA |
| Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP | Voltage - Supply, Single/Dual (±) | 2.4 V ~ 5.5 V, ±1.2 V ~ 2.75 V |
| Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-MSOP | Operating Temperature | -40°C ~ 125°C |
| Supplier Device Package 10-MSOP | Mounting Type | Surface Mount |
| | Package / Case | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) |
| Deposit amount | Supplier Device Package | 10-MSOP |
| Report errors | | Report errors? |

ISL28288FUZ 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.

ISL28288FUZ Payment Methods



















ISL28288FUZ Shipping Methods













If you have any question about ISL28288FUZ, please do not hesitate to contact us!

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