



TS912IYDT Information

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For Reference Only

Part Number TS912IYDT

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 1.4MHZ RRO 8SO **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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TS912IYDT Specifications

| Manufacturer Part Number TS912IYDT Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series Automotive, AEC-Q100 Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 1.3 V/μs Gain Bandwidth Product 1.4MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 10mV Current - Supply 400μA Current - Output / Channel 75mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 16 V, ±1.35 V ~ 8 V | | |
|--|-----------------------------------|---|
| CategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width)SeriesAutomotive, AEC-Q100Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate1.3 V/μsGain Bandwidth Product1.4MHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset10mVCurrent - Supply400μACurrent - Output / Channel75mAVoltage - Supply, Single/Dual (±)2.7 V ~ 16 V, ±1.35 V ~ 8 V | Manufacturer Part Number | TS912IYDT |
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| Gain Bandwidth Product 1.4MHz 1.4MHz 1.3db Bandwidth 1.4MHz 1.4D 1.4D 1.4D 1.4D 1.4D 1.4D 1.4D 1.4D | Output Type | Rail-to-Rail |
| $ \begin{array}{llllllllllllllllllllllllllllllllllll$ | Slew Rate | 1.3 V/μs |
| Current - Input Bias $1pA$ Voltage - Input Offset $10mV$ Current - Supply $400\mu A$ Current - Output / Channel $75mA$ Voltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 16 \text{ V}, \pm 1.35 \text{ V} \sim 8 \text{ V}$ | Gain Bandwidth Product | 1.4MHz |
| Voltage - Input Offset | -3db Bandwidth | - |
| Current - Supply $400\mu A$ Current - Output / Channel $75mA$ Voltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 16 \text{ V}, \pm 1.35 \text{ V} \sim 8 \text{ V}$ | Current - Input Bias | 1pA |
| Current - Output / Channel 75mA Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 16 V, \pm 1.35 V ~ 8 V | Voltage - Input Offset | 10mV |
| Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 16 V, \pm 1.35 V ~ 8 V | Current - Supply | 400μΑ |
| | Current - Output / Channel | 75mA |
| 0 4 T 400G 1050G | Voltage - Supply, Single/Dual (±) | 2.7 V ~ 16 V, ±1.35 V ~ 8 V |
| Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ | Operating Temperature | -40°C ~ 125°C |
| Mounting Type Surface Mount | 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-SO | Supplier Device Package | 8-SO |
| Report error | | Report errors? |

TS912IYDT 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.

TS912IYDT Payment Methods



















TS912IYDT Shipping Methods













If you have any question about TS912IYDT, please do not hesitate to contact us!

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