



LM2902YDT Information



For Reference Only

Part Number LM2902YDT

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 1.3MHZ 14SO **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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LM2902YDT Specifications

Manufacturer Part NumberLM2902YDTManufacturerSTMicroelectronicsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage14-SOIC (0.154", 3.90mm Width)SeriesAutomotive, AEC-Q100Amplifier TypeGeneral PurposeNumber of Circuits4Output Type-Slew Rate0.4 V/μsGain Bandwidth Product1.3MHz-3db Bandwidth-Current - Input Bias20nAVoltage - Input Offset2mVCurrent - Supply1.5mACurrent - Output / Channel20mAVoltage - Supply, Single/Dual (±)3 V ~ 30 V, ±1.5 V ~ 15 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case14-SOIC (0.154", 3.90mm Width)		
Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps 14-SOIC (0.154", 3.90mm Width) Series Automotive, AEC-Q100 Amplifier Type General Purpose Number of Circuits 4 Output Type - Slew Rate 0.4 V/µs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 20nA Voltage - Input Offset Current - Supply Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature -40°C ~ 125°C Mounting Type Instrumentation, OP Amps, Buffer Amps Linear - Amplifiers - Instrumentation, OP Amps Amps Linear - Amplifiers - Instrumentation, OP Amps Buffer Amps Linear - Amplifiers - Instrumentation, OP Amps Buffer Amps Linear - Amplifiers - Instrumentation, OP Amps Buffer Amps Linear - Amplifiers - Instrumentation, OP Amps Buffer Amps Linear - Amplifiers - Instrumentation, OP Amps Buffer Amps Linear - Amplifiers - Instrumentation, OP Amps Buffer Amps Automotive, AEC-Q100 Series Automotive, AEC-Q100 Ceneral Purpose 1.3MHz -3db Bandwidth - Current - Input Bias 20nA Voltage - Input Offset 2mV Current - Supply Surface Mount	Manufacturer Part Number	LM2902YDT
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps 14-SOIC (0.154", 3.90mm Width) Series Automotive, AEC-Q100 Amplifier Type General Purpose Number of Circuits 4 Output Type - Slew Rate 0.4 V/µs Gain Bandwidth Product 1.3MHz -3db Bandwidth - Current - Input Bias 20nA Voltage - Input Offset 2mV Current - Output / Channel 20mA Voltage - Supply, Single/Dual (±) 3 V ~ 30 V, ±1.5 V ~ 15 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Manufacturer	STMicroelectronics
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Gain Bandwidth Product -3db Bandwidth -Current - Input Bias 20nA Voltage - Input Offset Current - Supply 1.5mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type 1.3MHz -40°C 1.3MHz -40°C 1.3MHz -40°C 1.5mA 20nA Voltage - Supply Single/Dual (±) 3 V ~ 30 V , ±1.5 V ~ 15 V -40°C ~ 125°C Surface Mount	Output Type	-
-3db Bandwidth - Current - Input Bias 20nA Voltage - Input Offset 2mV Current - Supply 1.5mA Current - Output / Channel 20mA Voltage - Supply, Single/Dual (±) 3 V ~ 30 V, ±1.5 V ~ 15 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Slew Rate	0.4 V/μs
Current - Input Bias $20nA$ Voltage - Input Offset $2mV$ Current - Supply $1.5mA$ Current - Output / Channel $20mA$ Voltage - Supply, Single/Dual (\pm) $3 V \sim 30 V, \pm 1.5 V \sim 15 V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface Mount	Gain Bandwidth Product	1.3MHz
Voltage - Input Offset $2mV$ Current - Supply $1.5mA$ Current - Output / Channel $20mA$ Voltage - Supply, Single/Dual (\pm) $3 V \sim 30 V, \pm 1.5 V \sim 15 V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface Mount	-3db Bandwidth	-
Current - Supply 1.5mA Current - Output / Channel 20mA Voltage - Supply, Single/Dual (\pm) 3 V ~ 30 V, \pm 1.5 V ~ 15 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Current - Input Bias	20nA
Current - Output / Channel 20mA Voltage - Supply, Single/Dual (\pm) 3 V ~ 30 V, \pm 1.5 V ~ 15 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Voltage - Input Offset	2mV
Voltage - Supply, Single/Dual (\pm) 3 V ~ 30 V, \pm 1.5 V ~ 15 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Current - Supply	1.5mA
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Output / Channel	20mA
Mounting Type Surface Mount	Voltage - Supply, Single/Dual (±)	3 V ~ 30 V, ±1.5 V ~ 15 V
	Operating Temperature	-40°C ~ 125°C
Package / Case 14-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Package / Case	14-SOIC (0.154", 3.90mm Width)
Supplier Device Package 14-SO	Supplier Device Package	14-SO
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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.

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LM2902YDT Shipping Methods













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