



TLV313IDBVT Information



For Reference Only

Part Number TLV313IDBVT

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description LOW-POWER, RRIO, 500-UV OFFSET,

Package SC-74A, SOT-753

For the pricing/inventory/lead time, please contact

us

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TLV313IDBVT Specifications

Manufacturer Part NumberTLV313IDBVTManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackageSC-74A, SOT-753Series-Amplifier TypeGeneral PurposeNumber of Circuits1Output TypeRail-to-RailSlew Rate0.5 V/μsGain Bandwidth ProductIMHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset750μVCurrent - Supply65μACurrent - Output / Channel15mAVoltage - Supply, Single/Dual (±)1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 VOperating Temperature-40°C ~ 125°C		
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Package SC-74A, SOT-753 Series - Amplifier Type General Purpose Number of Circuits 1 Output Type Rail-to-Rail Slew Rate 0.5 V/ μ s Gain Bandwidth Product 1MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 750 μ V Current - Supply 65 μ A Current - Output / Channel 15mA Voltage - Supply, Single/Dual (\pm) 1.8 V ~ 5.5 V, \pm 0.9 V ~ 2.75 V Operating Temperature -40°C ~ 125°C	Category	Integrated Circuits (ICs)
Series - General Purpose General Purpose Number of Circuits 1 Output Type Rail-to-Rail Slew Rate 0.5 V/ μ s Gain Bandwidth Product 1MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 750 μ V Current - Supply 65 μ A Current - Output / Channel 15mA Voltage - Supply, Single/Dual (\pm) 1.8 V ~ 5.5 V, \pm 0.9 V ~ 2.75 V Operating Temperature -40°C ~ 125°C		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type General Purpose Number of Circuits 1 Output Type Rail-to-Rail Slew Rate 0.5 V/ μ s Gain Bandwidth Product 1MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 750 μ V Current - Supply 65 μ A Current - Output / Channel 15mA Voltage - Supply, Single/Dual (\pm) 1.8 V ~ 5.5 V, \pm 0.9 V ~ 2.75 V Operating Temperature - 40°C ~ 125°C	Package	SC-74A, SOT-753
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Slew Rate 0.5 V/ μ s Gain Bandwidth Product 1MHz -3db Bandwidth Current - Input Bias 1pA Voltage - Input Offset 750 μ V Current - Supply 65 μ A Current - Output / Channel 15mA Voltage - Supply, Single/Dual (±) 1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 V Operating Temperature -40°C ~ 125°C	Number of Circuits	1
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	Rail-to-Rail
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	0.5 V/µs
Current - Input Bias $1pA$ Voltage - Input Offset $750\mu V$ Current - Supply $65\mu A$ Current - Output / Channel $15mA$ Voltage - Supply, Single/Dual (\pm) $1.8 \ V \sim 5.5 \ V, \pm 0.9 \ V \sim 2.75 \ V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$	Gain Bandwidth Product	1MHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply $65\mu A$ Current - Output / Channel $15mA$ Voltage - Supply, Single/Dual (±) $1.8 \text{ V} \sim 5.5 \text{ V}, \pm 0.9 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Current - Input Bias	1pA
Current - Output / Channel 15mA Voltage - Supply, Single/Dual (\pm) 1.8 V ~ 5.5 V, \pm 0.9 V ~ 2.75 V Operating Temperature -40°C ~ 125°C	Voltage - Input Offset	$750\mu V$
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Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Current - Output / Channel	15mA
	Voltage - Supply, Single/Dual (±)	1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 V
	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case SC-74A, SOT-753	Package / Case	SC-74A, SOT-753
Supplier Device Package SOT-23-5	Supplier Device Package	SOT-23-5
Report errors		Report errors?

TLV313IDBVT 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.

TLV313IDBVT Payment Methods



















TLV313IDBVT Shipping Methods













If you have any question about TLV313IDBVT, please do not hesitate to contact us!

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