



## **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

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



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## **Certified Quality**

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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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$ \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
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	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!

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