

TLV3701CDBVTG4

TLV3701CDBVTG4 Information



For Reference Only

Part Number	TLV3701CDBVTG4	
Manufacturer	Texas Instruments	
Category	Integrated Circuits (ICs) Linear - Comparators	
Description	IC COMPARATR NANOPWR P-P SOT23-5	
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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TLV3701CDBVTG4 Specifications

Manufacturer Part NumberTLV3701CDBVTG4ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Linear - ComparatorsPackageSC-74A, SOT-753Series-TypeGeneral PurposeNumber of Elements1Output TypeCMOS, Push-Pull, Rail-to-RailVoltage - Supply, Single/Dual (±)Sto Y ~ 16 V, ±1.25 V ~ 8 VVoltage - Input Offset (Max)SmV @ 15VCurrent - Output (Typ)IOmACurrent - Output (Typ)IJMACurrent - Quiescent (Max)IµAPropagation Delay (Max)-Propagation Delay (Max)-Operating Temperature0°C ~ 0°CPackage / CaseSurface MountMounting TypeSurface MountMounting TypeSurface MountMounting TypeSurface Mount		
CategoryIntegrated Circuits (ICs)RackageLinear - ComparatorsPackageSC-74A, SOT-753Series-TypeGeneral PurposeNumber of Elements1Output TypeCMOS, Push-Pull, Rail-to-RailVoltage - Supply, Single/Dual (±)S.5 V ~ 16 V, ±1.25 V ~ 8 VVoltage - Input Offset (Max)SopA @ 15VCurrent - Input Bias (Max)SopA @ 15VCurrent - Output (Typ)IomACurrent - Quiescent (Max)HµAChRR, PSRR (Typ)8dB CMRR, 105dB PSRRPropagation Delay (Max)-Operating TemperatureO'C ~ 70°CPackage / CaseSC-74A, SOT-753Mounting TypeSurface MountSurface MountSurface Mount	Manufacturer Part Number	TLV3701CDBVTG4
Linear - ComparatorsPackageSC-74A, SOT-753Series-TypeGeneral PurposeNumber of Elements1Output TypeCMOS, Push-Pull, Rail-to-RailVoltage - Supply, Single/Dual (±)2.5 V ~ 16 V, ±1.25 V ~ 8 VVoltage - Input Offset (Max)5mV @ 15VCurrent - Input Bias (Max)250pA @ 15VCurrent - Output (Typ)10mACurrent - Quiescent (Max)1µACMRR, PSRR (Typ)88dB CMRR, 105dB PSRRPropagation Delay (Max)-Operating Temperature0°C ~ 70°CPackage / CaseScr-74A, SOT-753Mounting TypeSurface MountSupplier Device PackageSOT-23-5	Manufacturer	Texas Instruments
PackageSC-74A, SOT-753Series-TypeGeneral PurposeNumber of Elements1Output TypeCMOS, Push-Pull, Rail-to-RailVoltage - Supply, Single/Dual (±)2.5 V ~ 16 V, ± 1.25 V ~ 8 VVoltage - Input Offset (Max)5mV @ 15VCurrent - Input Bias (Max)250pA @ 15VCurrent - Output (Typ)10mACurrent - Quiescent (Max)1µAPropagation Delay (Max)-Propagation Delay (Max)-Operating Temperature0°C ~ 70°CPackage / CaseSC-74A, SOT-753Mounting TypeSufface MountSupplier Device PackageSOT-23-5	Category	Integrated Circuits (ICs)
Series-TypeGeneral PurposeNumber of Elements1Output TypeCMOS, Push-Pull, Rail-to-RailVoltage - Supply, Single/Dual (±)2.5 V ~ 16 V, ±1.25 V ~ 8 VVoltage - Input Offset (Max)5mV @ 15VCurrent - Input Bias (Max)250pA @ 15VCurrent - Output (Typ)10mACurrent - Quiescent (Max)1µAPopagation Delay (Max)-Propagation Delay (Max)-Operating Temperature0°C ~ 70°CPackage / CaseSc-74A, SOT-753Mounting TypeSurface MountSupplier Device PackageSOT-23-5		Linear - Comparators
TypeGeneral PurposeTypeGeneral PurposeNumber of Elements1Output TypeCMOS, Push-Pull, Rail-to-RailVoltage - Supply, Single/Dual (±)2.5 V ~ 16 V, ±1.25 V ~ 8 VVoltage - Input Offset (Max)SmV @ 15VCurrent - Input Bias (Max)250pA @ 15VCurrent - Output (Typ)10mACurrent - Quiescent (Max)µAPropagation Delay (Max)-Propagation Delay (Max)-Porpating Temperature0°C ~ 70°CPackage / CaseSurface MountMounting TypeSurface MountSupplier Device PackageSOT-23-5	Package	SC-74A, SOT-753
Number of Elements1Output TypeCMOS, Push-Pull, Rail-to-RailVoltage - Supply, Single/Dual (±)2.5 V ~ 16 V, ±1.25 V ~ 8 VVoltage - Input Offset (Max)5mV @ 15VCurrent - Input Bias (Max)250pA @ 15VCurrent - Output (Typ)10mACurrent - Quiescent (Max)1µACMRR, PSRR (Typ)88dB CMRR, 105dB PSRRPropagation Delay (Max)-Operating Temperature0°C ~ 70°CPackage / CaseSc-74A, SOT-753Mounting TypeSurface MountSupplier Device PackageSOT-23-5	Series	-
Output TypeCMOS, Push-Pull, Rail-to-RailVoltage - Supply, Single/Dual (±)2.5 V ~ 16 V, ±1.25 V ~ 8 VVoltage - Input Offset (Max)5mV @ 15VCurrent - Input Bias (Max)250pA @ 15VCurrent - Output (Typ)10mACurrent - Quiescent (Max)1µACMRR, PSRR (Typ)88dB CMRR, 105dB PSRRPropagation Delay (Max)-Operating Temperature0°C ~ 70°CPackage / CaseSC-74A, SOT-753Mounting TypeSurface MountSupplier Device PackageSOT-23-5	Туре	General Purpose
Voltage - Supply, Single/Dual (±)2.5 V ~ 16 V, ±1.25 V ~ 8 VVoltage - Input Offset (Max)5mV @ 15VCurrent - Input Bias (Max)250pA @ 15VCurrent - Output (Typ)10mACurrent - Quiescent (Max)1µACMRR, PSRR (Typ)88dB CMRR, 105dB PSRRPropagation Delay (Max)-Hysteresis-Operating Temperature0°C ~ 70°CPackage / CaseSC-74A, SOT-753Mounting TypeSurface MountSupplier Device PackageSOT-23-5	Number of Elements	1
Voltage - Input Offset (Max)5mV @ 15VCurrent - Input Bias (Max)250pA @ 15VCurrent - Output (Typ)10mACurrent - Quiescent (Max)1µACMRR, PSRR (Typ)88dB CMRR, 105dB PSRRPropagation Delay (Max)-Hysteresis-Operating Temperature0°C ~ 70°CPackage / CaseSC-74A, SOT-753Mounting TypeSurface MountSupplier Device PackageSOT-23-5	Output Type	CMOS, Push-Pull, Rail-to-Rail
Current - Input Bias (Max)250pA @ 15VCurrent - Output (Typ)10mACurrent - Quiescent (Max)1µACMRR, PSRR (Typ)88dB CMRR, 105dB PSRRPropagation Delay (Max)-Hysteresis-Operating Temperature0°C ~ 70°CPackage / CaseSC-74A, SOT-753Mounting TypeSurface MountSupplier Device PackageSOT-23-5	Voltage - Supply, Single/Dual (±)	2.5 V ~ 16 V, ±1.25 V ~ 8 V
Current - Output (Typ)10mACurrent - Quiescent (Max)1μACMRR, PSRR (Typ)88dB CMRR, 105dB PSRRPropagation Delay (Max)-Hysteresis-Operating Temperature0°C ~ 70°CPackage / CaseSC-74A, SOT-753Mounting TypeSurface MountSupplier Device PackageSOT-23-5	Voltage - Input Offset (Max)	5mV @ 15V
Current - Quiescent (Max)IµACMRR, PSRR (Typ)88dB CMRR, 105dB PSRRPropagation Delay (Max)-Hysteresis-Operating Temperature0°C ~ 70°CPackage / CaseSC-74A, SOT-753Mounting TypeSurface MountSupplier Device PackageSOT-23-5	Current - Input Bias (Max)	250pA @ 15V
CMRR, PSRR (Typ)88dB CMRR, 105dB PSRRPropagation Delay (Max)-Hysteresis-Operating Temperature0°C ~ 70°CPackage / CaseSC-74A, SOT-753Mounting TypeSurface MountSupplier Device PackageSOT-23-5	Current - Output (Typ)	10mA
Propagation Delay (Max)-Hysteresis-Operating Temperature0°C ~ 70°CPackage / CaseSC-74A, SOT-753Mounting TypeSurface MountSupplier Device PackageSOT-23-5	Current - Quiescent (Max)	1μΑ
Hysteresis-Operating Temperature0°C ~ 70°CPackage / CaseSC-74A, SOT-753Mounting TypeSurface MountSupplier Device PackageSOT-23-5	CMRR, PSRR (Typ)	88dB CMRR, 105dB PSRR
Operating Temperature0°C ~ 70°CPackage / CaseSC-74A, SOT-753Mounting TypeSurface MountSupplier Device PackageSOT-23-5	Propagation Delay (Max)	-
Package / CaseSC-74A, SOT-753Mounting TypeSurface MountSupplier Device PackageSOT-23-5	Hysteresis	-
Mounting TypeSurface MountSupplier Device PackageSOT-23-5	Operating Temperature	0° C ~ 70° C
Supplier Device Package SOT-23-5	Package / Case	SC-74A, SOT-753
	Mounting Type	Surface Mount
Denestermen	Supplier Device Package	SOT-23-5
Кероп епог		Report errors?

TLV3701CDBVTG4 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.



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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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