



EL5120TIWTZ-T7 Information

Part Number EL5120TIWTZ-T7

Manufacturer Intersil

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP VFB 8MHZ RRO 5TSOT

Package SOT-23-5 Thin, TSOT-23-5

For the pricing/inventory/lead time, please contact

us

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



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For Reference Only

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EL5120TIWTZ-T7 Specifications

Manufacturer Part Number EL5120TIWTZ-T7 Manufacturer Intersil Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package SOT-23-5 Thin, TSOT-23-5 Series - Amplifier Type Voltage Feedback Number of Circuits 1 Output Type Rail-to-Rail Slew Rate 12 V/µs Gain Bandwidth Product 8MHz -3db Bandwidth 12MHz Current - Input Bias 2nA Voltage - Input Offset 6mV Current - Supply 900µA Current - Output / Channel 200mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 19 V, ±2.25 V ~ 9.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package -		
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PackageSOT-23-5 Thin, TSOT-23-5Series-Amplifier TypeVoltage FeedbackNumber of Circuits1Output TypeRail-to-RailSlew Rate12 V/μsGain Bandwidth Product8MHz-3db Bandwidth12MHzCurrent - Input Bias2nAVoltage - Input Offset6mVCurrent - Supply900μACurrent - Output / Channel200mAVoltage - Supply, Single/Dual (±)4.5 V ~ 19 V, ±2.25 V ~ 9.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device Package-	Category	Integrated Circuits (ICs)
Series-Amplifier TypeVoltage FeedbackNumber of Circuits1Output TypeRail-to-RailSlew Rate12 V/μsGain Bandwidth Product8MHz-3db Bandwidth12MHzCurrent - Input Bias2nAVoltage - Input Offset6mVCurrent - Supply900μACurrent - Output / Channel200mAVoltage - Supply, Single/Dual (±)4.5 V ~ 19 V, ±2.25 V ~ 9.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device Package-		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeVoltage FeedbackNumber of Circuits1Output TypeRail-to-RailSlew Rate12 V/μsGain Bandwidth Product8MHz-3db Bandwidth12MHzCurrent - Input Bias2nAVoltage - Input Offset6mVCurrent - Supply900μACurrent - Output / Channel200mAVoltage - Supply, Single/Dual (±)4.5 V ~ 19 V, ±2.25 V ~ 9.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device Package-	Package	SOT-23-5 Thin, TSOT-23-5
Number of Circuits 1 Output Type Rail-to-Rail Slew Rate 12 V/μs Gain Bandwidth Product 8MHz -3db Bandwidth 12MHz Current - Input Bias 2nA Voltage - Input Offset 6mV Current - Supply 900μA Current - Output / Channel 200mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 19 V, ±2.25 V ~ 9.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package -	Series	-
Output Type Rail-to-Rail Slew Rate 12 V/ μ s Gain Bandwidth Product 8MHz -3db Bandwidth 12MHz Current - Input Bias 2nA Voltage - Input Offset 6mV Current - Supply 900 μ A Current - Output / Channel 200mA Voltage - Supply, Single/Dual (\pm) 4.5 V ~ 19 V, \pm 2.25 V ~ 9.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package -	Amplifier Type	Voltage Feedback
Slew Rate Gain Bandwidth Product 8MHz -3db Bandwidth 12MHz Current - Input Bias 2nA Voltage - Input Offset 6mV Current - Supply 900μA Current - Output / Channel 200mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 19 V, ±2.25 V ~ 9.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package -	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth 12MHz Current - Input Bias 2nA Voltage - Input Offset 6mV Current - Supply 900μA Current - Output / Channel Voltage - Supply, Single/Dual (±) 4.5 V ~ 19 V, ±2.25 V ~ 9.5 V Operating Temperature 4.0°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package	Output Type	Rail-to-Rail
-3db Bandwidth 12MHz Current - Input Bias 2nA Voltage - Input Offset 6mV Current - Supply 900μA Current - Output / Channel 200mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 19 V, ±2.25 V ~ 9.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package -	Slew Rate	12 V/μs
Current - Input Bias2nAVoltage - Input Offset6mVCurrent - Supply900μACurrent - Output / Channel200mAVoltage - Supply, Single/Dual (±)4.5 V ~ 19 V, ±2.25 V ~ 9.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device Package-	Gain Bandwidth Product	8MHz
Voltage - Input Offset $6mV$ Current - Supply $900\mu A$ Current - Output / Channel $200mA$ Voltage - Supply, Single/Dual (±) $4.5 \ V \sim 19 \ V, \pm 2.25 \ V \sim 9.5 \ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount Package / Case $SOT-23-5$ Thin, TSOT-23-5 Supplier Device Package $-$	-3db Bandwidth	12MHz
Current - Supply 900 μ A Current - Output / Channel 200mA Voltage - Supply, Single/Dual (±) 4.5 V ~ 19 V, ± 2.25 V ~ 9.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package -	Current - Input Bias	2nA
Current - Output / Channel 200mA Voltage - Supply, Single/Dual (\pm) $4.5 \text{ V} \sim 19 \text{ V}, \pm 2.25 \text{ V} \sim 9.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device Package-	Voltage - Input Offset	6mV
Voltage - Supply, Single/Dual (±) 4.5 V ~ 19 V, ±2.25 V ~ 9.5 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package -	Current - Supply	900μΑ
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package -	Current - Output / Channel	200mA
Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package -	Voltage - Supply, Single/Dual (±)	4.5 V ~ 19 V, ±2.25 V ~ 9.5 V
Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package -	Operating Temperature	-40°C ~ 85°C
Supplier Device Package -	Mounting Type	Surface Mount
	Package / Case	SOT-23-5 Thin, TSOT-23-5
Report errors?	Supplier Device Package	-
		Report errors?

EL5120TIWTZ-T7 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.

EL5120TIWTZ-T7 Payment Methods



















EL5120TIWTZ-T7 Shipping Methods













If you have any question about EL5120TIWTZ-T7, please do not hesitate to contact us!

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