



Image may be representation.  
See specifications for product details.

### TSM921CUA+T

Part Number: **TSM921CUA+T**  
 Product Description: IC COMP SNGL CMOS P-P TTL 8MSOP  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [TSM921CUA+T.pdf](#)

Manufacturer/Brand: Touchstone Semiconductor  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

<b>Part Number</b>	TSM921CUA+T	<b>Manufacturer</b>	Touchstone Semiconductor
<b>Description</b>	IC COMP SNGL CMOS P-P TTL 8MSOP	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">TSM921CUA+T.pdf</a>		
<b>Voltage - Supply, Single/Dual (±)</b>	2.5 V ~ 11 V, ±1.25 V ~ 5.5 V	<b>Voltage - Input Offset (Max)</b>	10mV @ 2.5V
<b>Type</b>	with Voltage Reference	<b>Supplier Device Package</b>	8-MSOP
<b>Series</b>	TSM92x	<b>Propagation Delay (Max)</b>	12µs
<b>Packaging</b>	Cut Tape (CT)	<b>Package / Case</b>	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
<b>Output Type</b>	CMOS, Push-Pull, TTL	<b>Other Names</b>	TSM921CUA+TCT
<b>Operating Temperature</b>	0°C ~ 70°C	<b>Number of Elements</b>	1
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Hysteresis</b>	50mV
<b>Detailed Description</b>	Comparator with Voltage Reference CMOS, Push-Pull, TTL 8-MSOP	<b>Current - Quiescent (Max)</b>	3.2µA
<b>Current - Output (Typ)</b>	40mA	<b>Current - Input Bias (Max)</b>	-
<b>CMRR, PSRR (Typ)</b>	80dB CMRR, 80dB PSRR		

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