



TSM931CUA+T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TSM931CUA+T                                                                                                  |
| Manufacturer/Brand: | Touchstone Semiconductor                                                                                     |
| Product description | IC COMPARATOR W/REF LP 8MSOP                                                                                 |
| Datasheets:         |  TSM931CUA+T.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

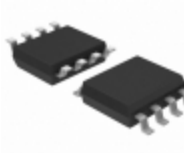
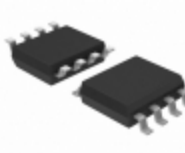
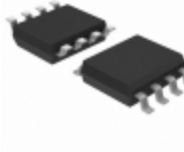
Specifications of TSM931CUA+T

|                                   |                                                                                                     |
|-----------------------------------|-----------------------------------------------------------------------------------------------------|
| PART NUMBER                       | TSM931CUA+T                                                                                         |
| MANUFACTURER                      | Touchstone Semiconductor                                                                            |
| DESCRIPTION                       | IC COMPARATOR W/REF LP 8MSOP                                                                        |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                          |
| DATA SHEET                        |  TSM931CUA+T.pdf |
| VOLTAGE - SUPPLY, SINGLE/DUAL (±) | 2.5 V ~ 11 V, ±1.25 V ~ 5.5 V                                                                       |
| VOLTAGE - INPUT OFFSET (MAX)      | 10mV @ 2.5V                                                                                         |
| TYPE                              | with Voltage Reference                                                                              |
| SUPPLIER DEVICE PACKAGE           | 8-MSOP                                                                                              |
| SERIES                            | TSM93x                                                                                              |
| PROPAGATION DELAY (MAX)           | 12µs                                                                                                |
| PACKAGING                         | Cut Tape (CT)                                                                                       |
| PACKAGE / CASE                    | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                              |
| OUTPUT TYPE                       | CMOS, Push-Pull, TTL                                                                                |
| OTHER NAMES                       | TSM931CUA+TCT                                                                                       |
| OPERATING TEMPERATURE             | 0°C ~ 70°C                                                                                          |
| NUMBER OF ELEMENTS                | 1                                                                                                   |
| MOUNTING TYPE                     | Surface Mount                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL)  | 1 (Unlimited)                                                                                       |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                          |
| HYSTERESIS                        | 50mV                                                                                                |
| DETAILED DESCRIPTION              | Comparator with Voltage Reference CMOS, Push-Pull, TTL 8-MSOP                                       |
| CURRENT - QUIESCENT (MAX)         | 3.2µA                                                                                               |
| CURRENT - OUTPUT (TYP)            | 40mA                                                                                                |
| CURRENT - INPUT BIAS (MAX)        | -                                                                                                   |
| CMRR, PSRR (TYP)                  | 80dB CMRR, 80dB PSRR                                                                                |

Related Tags

|                                      |                                   |                                          |
|--------------------------------------|-----------------------------------|------------------------------------------|
| Touchstone Semiconductor TSM931CUA+T | TSM931CUA+T Distributor           | TSM931CUA+T Supplier                     |
| TSM931CUA+T Price                    | TSM931CUA+T Pictures              | TSM931CUA+T Image                        |
| TSM931CUA+T PDF Datasheet            | TSM931CUA+T Download Datasheet    | TSM931CUA+T Datasheet                    |
| TSM931CUA+T Stock                    | Buy TSM931CUA+T                   | Buy Touchstone Semiconductor TSM931CUA+T |
| Touchstone Semiconductor TSM931CUA+T | Touchstone Semiconductor Supplier | Touchstone Semiconductor Distributor     |
| Touchstone Semiconductor TSM931CUA+T |                                   |                                          |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
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| <div></div> <div><b>TSM931CSA+</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR SGL 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>        | <div></div> <div><b>TSM932CSA+</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR DUAL 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
| <div></div> <div><b>TSM931CSA+T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR SGL 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>       | <div></div> <div><b>TSM924ESE+</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR QUAD P-P 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>TSM931ESA+</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR SGL PP 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>TSM924ESE+T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR QUAD P-P 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>TSM924ESE+T</b><br/>Manufacturers: Touchstone Semiconductor<br/>Description: IC COMP QUAD CMOS P-P TTL 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>TSM931ESA+T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR SGL PP 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
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