




TSM931CUA+T

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|---------------------|--|
| 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 |
| Stock Condition     | 220940 pcs stock   |
| Ship From           | Hong Kong  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS  |

REQUEST FOR QUOTATION













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  |
| QUANTITY AVAILABLE                | 220940 pcs  |
| 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

|                                      |                                   |  |
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Related Products

|   |   |
|---|---|
| <div></div> <div><b>TSM931CUA+</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR SGL 8MSOP<br/>In stock: 5774 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>TSM931CUA+T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR SGL 8MSOP<br/>In stock: 5151 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>TSM931CSA+</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR SGL 8SOIC<br/>In stock: 6048 pcs<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: 7073 pcs<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: 3981 pcs<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: 5037 pcs<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: 3530 pcs<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: 71328 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>TSM932CSA+T</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR DUAL 8SOIC<br/>In stock: 6979 pcs<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: 7063 pcs<br/><div>RFQ</div></div>        |
| <div></div> <div><b>TSM932CUA+</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR DUAL 8MSOP<br/>In stock: 3203 pcs<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: 6372 pcs<br/><div>RFQ</div></div>     |