



Energy Micro (Silicon Labs)



TSM971ESA+

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TSM971ESA+                                                                                                   |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC COMPARATOR SGL O-D 8SOIC                                                                                  |
| Datasheets:         |  TSM971ESA+.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of TSM971ESA+

|                                   |                                                                                                    |
|-----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                       | TSM971ESA+                                                                                         |
| MANUFACTURER                      | Energy Micro (Silicon Labs)                                                                        |
| DESCRIPTION                       | IC COMPARATOR SGL O-D 8SOIC                                                                        |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                                                                         |
| DATA SHEET                        |  TSM971ESA+.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-SOIC                                                                                             |
| SERIES                            | TSM97x                                                                                             |
| PROPAGATION DELAY (MAX)           | 12µs                                                                                               |
| PACKAGING                         | Tube                                                                                               |
| PACKAGE / CASE                    | 8-SOIC (0.154", 3.90mm Width)                                                                      |
| OUTPUT TYPE                       | CMOS, TTL                                                                                          |
| OTHER NAMES                       | TSM971ESA+SIL                                                                                      |
| OPERATING TEMPERATURE             | -40°C ~ 85°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, TTL 8-SOIC                                                 |
| CURRENT - QUIESCENT (MAX)         | 4µA                                                                                                |
| CURRENT - OUTPUT (TYP)            | 40mA                                                                                               |
| CURRENT - INPUT BIAS (MAX)        | 0.005µA @ 2.5V                                                                                     |
| CMRR, PSRR (TYP)                  | 67dB CMRR, 67dB PSRR                                                                               |
| BASE PART NUMBER                  | TSM971                                                                                             |

Related Tags

|                                        |                                      |                                            |
|----------------------------------------|--------------------------------------|--------------------------------------------|
| Energy Micro (Silicon Labs) TSM971ESA+ | TSM971ESA+ Distributor               | TSM971ESA+ Supplier                        |
| TSM971ESA+ Price                       | TSM971ESA+ Pictures                  | TSM971ESA+ Image                           |
| TSM971ESA+ PDF Datasheet               | TSM971ESA+ Download Datasheet        | TSM971ESA+ Datasheet                       |
| TSM971ESA+ Stock                       | Buy TSM971ESA+                       | Buy Energy Micro (Silicon Labs) TSM971ESA+ |
| Energy Micro (Silicon Labs) TSM971ESA+ | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor    |
| Energy Micro (Silicon Labs) TSM971ESA+ | Energy Micro TSM971ESA+              | Energy Micro (Silicon Labs) TSM971ESA+     |
| Silicon Laboratories TSM971ESA+        | Silicon Labs TSM971ESA+              |                                            |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>TSM972CUA+<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR DUAL O-D 8MSOP<br/>In stock: Out stock</div><div>RFQ</div></div>   | <div><div>TSM972CUA+T<br/>Manufacturers: Touchstone Semiconductor<br/>Description: IC COMP DUAL CMOS TTL 16SOIC<br/>In stock: Out stock</div><div>RFQ</div></div>    |
| <div><div>TSM972CSA+<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR DUAL O-D 8SOIC<br/>In stock: Out stock</div><div>RFQ</div></div>   | <div><div>TSM971CSA+<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR SGL O-D 8SOIC<br/>In stock: Out stock</div><div>RFQ</div></div>   |
| <div><div>TSM9634WEUK+T<br/>Manufacturers: Touchstone Semiconductor<br/>Description: IC OPAMP CURRENT SENSE SOT23-5<br/>In stock: Out stock</div><div>RFQ</div></div> | <div><div>TSM971CUA+T<br/>Manufacturers: Touchstone Semiconductor<br/>Description: IC COMP SNGL CMOS TTL 16SOIC<br/>In stock: Out stock</div><div>RFQ</div></div>    |
| <div><div>TSM972CUA+T<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR DUAL O-D 8MSOP<br/>In stock: Out stock</div><div>RFQ</div></div>  | <div><div>TSM971CSA+T<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC COMPARATOR SGL O-D 8SOIC<br/>In stock: Out stock</div><div>RFQ</div></div>  |
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