



Energy Micro (Silicon Labs)

## TSM9117ESA+

Part Number:

TSM9117ESA+

Manufacturer/Brand:

Energy Micro (Silicon Labs)

Product description:

IC COMPARATOR 1.6V P-P 8SOIC

Datasheets:

[PDF TSM9117ESA+.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 TSM9117ESA+

PART NUMBER	TSM9117ESA+
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC COMPARATOR 1.6V P-P 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF TSM9117ESA+.pdf</a>
VOLTAGE - SUPPLY, SINGLE/DUAL (±)	1.6 V ~ 5.5 V
VOLTAGE - INPUT OFFSET (MAX)	5mV
TYPE	with Voltage Reference
SUPPLIER DEVICE PACKAGE	8-SOIC
SERIES	TSM91x
PROPAGATION DELAY (MAX)	40µs
PACKAGING	Strip
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OUTPUT TYPE	Push-Pull
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	4mV
DETAILED DESCRIPTION	Comparator with Voltage Reference Push-Pull 8-SOIC
CURRENT - QUIESCENT (MAX)	1.3µA
CURRENT - OUTPUT (TYP)	50mA
CURRENT - INPUT BIAS (MAX)	1nA
CMRR, PSRR (TYP)	80dB PSRR
BASE PART NUMBER	TSM9117

### Related Tags

Energy Micro (Silicon Labs) TSM9117ESA+	TSM9117ESA+ Distributor	TSM9117ESA+ Supplier
TSM9117ESA+ Price	TSM9117ESA+ Pictures	TSM9117ESA+ Image
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Silicon Laboratories TSM9117ESA+	Silicon Labs TSM9117ESA+	

### Related Products

 <p><b>TSM9-7.0-160-B</b> Manufacturers: E-Switch Description: SWITCH TACTILE In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>TSM9117ESA+T</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC COMPARATOR 1.6V P-P 8SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>TSM900N06CW RPG</b> Manufacturers: TSC (Taiwan Semiconductor) Description: MOSFET N-CHANNEL 60V 11A SOT223 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>TSM9117ESA+T</b> Manufacturers: Touchstone Semiconductor Description: IC COMP 1.6V PP W/REF 8SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>TSM900N10CH X0G</b> Manufacturers: TSC (Taiwan Semiconductor) Description: MOSFET N-CH 100V 15A TO251 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>TSM900N06CH X0G</b> Manufacturers: TSC (Taiwan Semiconductor) Description: MOSFET N-CHANNEL 60V 11A TO251 In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>TSM9117EXK+T</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC COMPARATOR 1.6V P-P SC70-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>TSM9118EXK+</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC COMPARATOR 1.6V O-D SC70-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>TSM9117EXK+</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC COMPARATOR 1.6V P-P SC70-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>TSM900N10CP ROG</b> Manufacturers: TSC (Taiwan Semiconductor) Description: MOSFET N-CHANNEL 100V 15A TO252 In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>TSM900N06CP ROG</b> Manufacturers: TSC (Taiwan Semiconductor) Description: MOSFET N-CHANNEL 60V 11A TO252 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>TSM9118EXK+T</b> Manufacturers: Touchstone Semiconductor Description: IC COMP 1.6V SNGL W/REF SC70-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>