





Energy Micro (Silicon Labs)




TSM982ESA+T

Part Number:	TSM982ESA+T
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC COMPARATOR DUAL 8SOIC
Datasheets:	 TSM982ESA+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 TSM982ESA+T

PART NUMBER	TSM982ESA+T
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC COMPARATOR DUAL 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 TSM982ESA+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-SOIC
SERIES	TSM98x
PROPAGATION DELAY (MAX)	12µs
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OUTPUT TYPE	CMOS, TTL
OTHER NAMES	TSM982ESA+TSIL
OPERATING TEMPERATURE	-40°C ~ 85°C
NUMBER OF ELEMENTS	2
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)	6µA
CURRENT - OUTPUT (TYP)	40mA
CURRENT - INPUT BIAS (MAX)	0.005µA @ 2.5V
CMRR, PSRR (TYP)	80dB CMRR, 80dB PSRR
BASE PART NUMBER	TSM982

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