



Energy Micro (Silicon Labs)



TS9002IM8T

Part Number:	TS9002IM8T
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC COMPARATOR DUAL 8MSOP
Datasheets:	 TS9002IM8T.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 TS9002IM8T

PART NUMBER	TS9002IM8T
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC COMPARATOR DUAL 8MSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 TS9002IM8T.pdf
VOLTAGE - SUPPLY, SINGLE/DUAL (±)	2.5 V ~ 11 V, ±1.25 V ~ 5.5 V
VOLTAGE - INPUT OFFSET (MAX)	3.5mV @ 2.5V
TYPE	with Voltage Reference
SUPPLIER DEVICE PACKAGE	8-MSOP
SERIES	NanoWatt Analog™
PROPAGATION DELAY (MAX)	7µs
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
OUTPUT TYPE	CMOS, Complementary, TTL
OTHER NAMES	TS9002IM8TSIL
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, Complementary, TTL 8-MSOP
CURRENT - QUIESCENT (MAX)	4µA
CURRENT - OUTPUT (TYP)	40mA
CURRENT - INPUT BIAS (MAX)	10pA @ 2.5V
CMRR, PSRR (TYP)	80dB CMRR, 80dB PSRR
BASE PART NUMBER	TS9002

Related Tags

Energy Micro (Silicon Labs) TS9002IM8T	TS9002IM8T Distributor	TS9002IM8T Supplier
TS9002IM8T Price	TS9002IM8T Pictures	TS9002IM8T Image
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Related Products

 TS9001-2IJ5 Manufacturers: Energy Micro (Silicon Labs) Description: IC COMPARATOR REF O-D SC70-5 In stock: Out stock RFQ	 TS9002IM8T Manufacturers: Touchstone Semiconductor Description: IC COMP DUAL CMOS TTL 8MSOP In stock: Out stock RFQ
 TS9001-1IJ5T Manufacturers: Touchstone Semiconductor Description: IC COMP 1.6V SNGL W/REF SC70-5 In stock: Out stock RFQ	 TS9001-2IJ5T Manufacturers: Touchstone Semiconductor Description: IC COMP 1.6V SNGL W/REF SC70-5 In stock: Out stock RFQ
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