



Energy Micro (Silicon Labs)



TSM972CSA+

Part Number: TSM972CSA+
Manufacturer/Brand: Energy Micro (Silicon Labs)
Product description: IC COMPARATOR DUAL O-D 8SOIC
Datasheets:  TSM972CSA+.pdf
RoHs Status:  Lead free / RoHS Compliant
Stock Condition: 5987 pcs stock
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of TSM972CSA+

PART NUMBER	TSM972CSA+
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC COMPARATOR DUAL O-D 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5987 pcs
DATA SHEET	 TSM972CSA+.pdf
VOLTAGE - SUPPLY, SINGLE/DUAL (±)	2.5 V ~ 11 V, ±1.25 V ~ 5.5 V
VOLTAGE - INPUT OFFSET (MAX)	10mV @ 2.5V
TYPE	General Purpose
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	TSM972CSA+SIL
OPERATING TEMPERATURE	0°C ~ 70°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 General Purpose 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	TSM972

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