



MAX9042AEUA+T

Part Number:	MAX9042AEUA+T
Manufacturer/Brand:	Maxim Integrated
Product description	IC COMPARATOR DUAL 8-UMAX
Datasheets:	PDF 1.MAX9042AEUA+T.pdf PDF 2.MAX9042AEUA+T.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MAX9042AEUA+T

PART NUMBER	MAX9042AEUA+T
MANUFACTURER	Maxim Integrated
DESCRIPTION	IC COMPARATOR DUAL 8-UMAX
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MAX9042AEUA+T.pdf PDF 2.MAX9042AEUA+T.pdf
VOLTAGE - SUPPLY, SINGLE/DUAL (±)	2.5 V ~ 5.5 V
VOLTAGE - INPUT OFFSET (MAX)	5mV @ 5V
TYPE	with Voltage Reference
SUPPLIER DEVICE PACKAGE	8-uMAX
SERIES	-
PROPAGATION DELAY (MAX)	450ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
OUTPUT TYPE	CMOS, Push-Pull, Rail-to-Rail, TTL
OPERATING TEMPERATURE	-40°C ~ 85°C
NUMBER OF ELEMENTS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
HYSTERESIS	±3mV
DETAILED DESCRIPTION	Comparator with Voltage Reference CMOS, Push-Pull, Rail-to-Rail, TTL 8-uMAX
CURRENT - QUIESCENT (MAX)	85µA
CURRENT - OUTPUT (TYP)	8mA
CURRENT - INPUT BIAS (MAX)	1pA @ 5V
CMRR, PSRR (TYP)	80dB CMRR, 80dB PSRR
BASE PART NUMBER	MAX9042

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