



Maxim Integrated



Image may be representation. See specifications for product details.

MAX9042AESA+

Part Number:	MAX9042AESA+
Manufacturer/Brand:	Maxim Integrated
Product description	IC COMPARATOR DUAL 8-SOIC
Datasheets:	PDF 1.MAX9042AESA+.pdf PDF 2.MAX9042AESA+.pdf
RoHs Status	✓ Lead free / RoHS Compliant
Stock Condition	41839 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MAX9042AESA+

PART NUMBER	MAX9042AESA+
MANUFACTURER	Maxim Integrated
DESCRIPTION	IC COMPARATOR DUAL 8-SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	41839 pcs
DATA SHEET	PDF 1.MAX9042AESA+.pdf PDF 2.MAX9042AESA+.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-SOIC
SERIES	-
PROPAGATION DELAY (MAX)	450ns
PACKAGING	Tube
PACKAGE / CASE	8-SOIC (0.154", 3.90mm 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)
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-SOIC
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

Related Tags

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