



MAX4642EUA+

Part Number:	MAX4642EUA+
Manufacturer/Brand:	Maxim Integrated
Product description	IC SWITCH DUAL SPST 8UMAX
Datasheets:	1.MAX4642EUA+.pdf 2.MAX4642EUA+.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 MAX4642EUA+

PART NUMBER	MAX4642EUA+
MANUFACTURER	Maxim Integrated
DESCRIPTION	IC SWITCH DUAL SPST 8UMAX
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MAX4642EUA+.pdf 2.MAX4642EUA+.pdf
VOLTAGE - SUPPLY, SINGLE (V+)	1.8 V ~ 5.5 V
VOLTAGE - SUPPLY, DUAL (V±)	-
SWITCH TIME (TON, TOFF) (MAX)	15ns, 8ns
SWITCH CIRCUIT	SPST - NC
SUPPLIER DEVICE PACKAGE	8-uMAX
SERIES	-
PACKAGING	Tube
PACKAGE / CASE	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
ON-STATE RESISTANCE (MAX)	4 Ohm
NUMBER OF CIRCUITS	2
MULTIPLEXER/DEMULTIPLEXER CIRCUIT	1:1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	2 Circuit IC Switch 1:1 4 Ohm 8-uMAX
CURRENT - LEAKAGE (IS(OFF)) (MAX)	250pA
CROSSTALK	-97dB @ 1MHz
CHARGE INJECTION	2pC
CHANNEL-TO-CHANNEL MATCHING (ΔRON)	200 mOhm
CHANNEL CAPACITANCE (CS(OFF), CD(OFF))	7pF, 7pF
BASE PART NUMBER	MAX4642
-3DB BANDWIDTH	-

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