



Maxim Integrated

MAX4542EKA+T

Part Number:	MAX4542EKA+T
Manufacturer/Brand:	Maxim Integrated
Product description:	IC SWITCH DUAL SPST SOT23-8
Datasheets:	1.MAX4542EKA+T.pdf 2.MAX4542EKA+T.pdf
RoHs Status:	Lead free / RoHS Compliant
Stock Condition:	111748 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of MAX4542EKA+T

PART NUMBER	MAX4542EKA+T
MANUFACTURER	Maxim Integrated
DESCRIPTION	IC SWITCH DUAL SPST SOT23-8
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	111748 pcs
DATA SHEET	1.MAX4542EKA+T.pdf 2.MAX4542EKA+T.pdf
VOLTAGE - SUPPLY, SINGLE (V+)	2.7 V ~ 12 V
VOLTAGE - SUPPLY, DUAL (V±)	-
SWITCH TIME (TON, TOFF) (MAX)	100ns, 75ns
SWITCH CIRCUIT	SPST - NC
SUPPLIER DEVICE PACKAGE	SOT-23-8
SERIES	-
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	SOT-23-8
OTHER NAMES	MAX4542EKA+ MAX4542EKA+TTR
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
ON-STATE RESISTANCE (MAX)	60 Ohm
NUMBER OF CIRCUITS	2
MULTIPLEXER/DEMULTIPLEXER CIRCUIT	1:1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	2 Circuit IC Switch 1:1 60 Ohm SOT-23-8
CURRENT - LEAKAGE (IS(OFF)) (MAX)	100pA
CROSSTALK	-90dB @ 1MHz
CHARGE INJECTION	1pC
CHANNEL-TO-CHANNEL MATCHING (ΔRON)	800 mOhm
CHANNEL CAPACITANCE (CS(OFF), CD(OFF))	8pF, 8pF
-3DB BANDWIDTH	-

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