



MAX4742EKA+T

Part Number:	MAX4742EKA+T
Manufacturer/Brand:	Maxim Integrated
Product description	IC SWITCH DUAL SPST SOT23-8
	1.MAX4742EKA+T.pdf
	2.MAX4742EKA+T.pdf
Datasheets:	Lead free / RoHS Compliant
RoHs Status	Hong Kong
Ship From	
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MAX4742EKA+T

PART NUMBER	MAX4742EKA+T
MANUFACTURER	Maxim Integrated
DESCRIPTION	IC SWITCH DUAL SPST SOT23-8
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MAX4742EKA+T.pdf 2.MAX4742EKA+T.pdf
VOLTAGE - SUPPLY, SINGLE (V+)	1.6 V ~ 3.6 V
VOLTAGE - SUPPLY, DUAL (V±)	-
SWITCH TIME (TON, TOFF) (MAX)	24ns, 16ns
SWITCH CIRCUIT	SPST - NC
SUPPLIER DEVICE PACKAGE	SOT-23-8
SERIES	-
PACKAGING	Strip
PACKAGE / CASE	SOT-23-8
OTHER NAMES	MAX4742EKA+ MAX4742EKA+TTR MAX4742EKA+TTR-ND
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
ON-STATE RESISTANCE (MAX)	800 mOhm
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 1:1 800 mOhm SOT-23-8
CURRENT - LEAKAGE (IS(OFF)) (MAX)	1nA
CROSTALK	-110dB @ 1MHz
CHARGE INJECTION	28pC
CHANNEL-TO-CHANNEL MATCHING (ΔRON)	50 mOhm
CHANNEL CAPACITANCE (CS(OFF), CD(OFF))	32pF, 32pF
BASE PART NUMBER	MAX4742
-3DB BANDWIDTH	100MHz

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