

MAX4638EUE+T



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Part Number: [MAX4638EUE+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MULTIPLEXER 8X1 16TSSOP

Data sheet:  [MAX4638-39](#)
 [Part Numbering System](#)

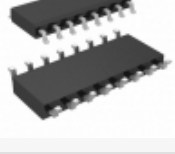
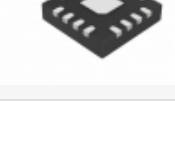
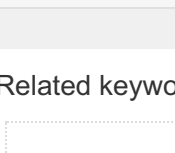
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER			
Part Number	MAX4638EUE+T	Manufacturer	Maxim Integrated
Description	IC MULTIPLEXER 8X1 16TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	33636 pcs	Data sheet	MAX4638-39 Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.8 V ~ 5.5 V
Voltage - Supply, Dual (V±)	±2.5V	Switch Time (Ton, Toff) (Max)	18ns, 7ns
Switch Circuit	-	Supplier Device Package	16-TSSOP
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Other Names	MAX4638EUE+T-ND MAX4638EUE+TTR
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	3.5 Ohm
Number of Circuits	1	Multiplexer/Demultiplexer Circuit	8:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	6 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	1 Circuit IC Switch 8:1 3.5 Ohm 16-TSSOP
Current - Leakage (IS(off)) (Max)	250pA	Crosstalk	-85dB @ 1MHz
Charge Injection	13pC	Channel-to-Channel Matching (ΔRon)	100 mOhm
Channel Capacitance (CS(off), CD(off))	9pF, 40pF	Base Part Number	MAX4638
-3db Bandwidth	50MHz		
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