

MAX312FESE+T





Part Number: [MAX312FESE+T](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH QUAD SPST 16SOIC

Data sheet:  [MAX312-314F](#)
 [Part Numbering System](#)

RoHs Status: Lead free / RoHS Compliant

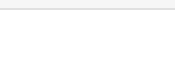
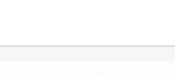
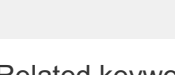
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PRODUCT PARAMETER			
Part Number	MAX312FESE+T	Manufacturer	Maxim Integrated
Description	IC SWITCH QUAD SPST 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13403 pcs	Data sheet	MAX312-314F Part Numbering System
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	9 V ~ 36 V
Voltage - Supply, Dual (V±)	±4.5 V ~ 20 V	Switch Time (Ton, Toff) (Max)	225ns, 185ns
Switch Circuit	SPST - NC	Supplier Device Package	16-SO
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	10 Ohm	Number of Circuits	4
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	4 Circuit IC Switch 1:1 10 Ohm 16-SO	Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-104dB @ 1MHz	Charge Injection	70pC
Channel-to-Channel Matching (ΔRon)	50 mOhm	Channel Capacitance (CS(off), CD(off))	20pF, 20pF
Base Part Number	MAX312	-3db Bandwidth	-
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