

DG4051AEQ-T1-E3



Part Number: [DG4051AEQ-T1-E3](#)

Manufacturer: [Electro-Films \(EFI\) / Vishay](#)

Description: IC MULTIPLEXER 8X1 16TSSOP

Data sheet:  [DG4051A-53A](#)

RoHs Status: Lead free / RoHS Compliant

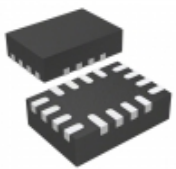
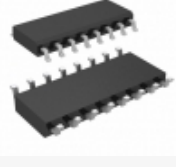
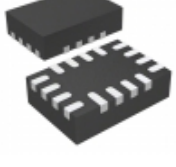
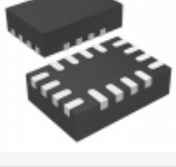
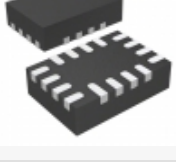
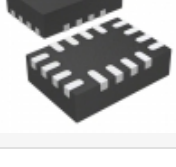
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PRODUCT PARAMETER			
Part Number	DG4051AEQ-T1-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC MULTIPLEXER 8X1 16TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4389 pcs	Data sheet	DG4051A-53A
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2.7 V ~ 12 V
Voltage - Supply, Dual (V±)	±2.5 V ~ 5 V	Switch Time (Ton, Toff) (Max)	108ns, 92ns
Switch Circuit	-	Supplier Device Package	16-TSSOP
Series	-	Packaging	Cut Tape (CT)
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Other Names	DG4051AEQ-T1-E3CT
Operating Temperature	-40°C ~ 125°C (TA)	On-State Resistance (Max)	100 Ohm
Number of Circuits	1	Multiplexer/Demultiplexer Circuit	8:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	1 Circuit IC Switch 8:1 100 Ohm 16-TSSOP	Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-67dB @ 10MHz	Charge Injection	0.25pC
Channel-to-Channel Matching (ΔRon)	3 Ohm	Channel Capacitance (CS(off), CD(off))	3pF, 12pF
Base Part Number	DG4051	-3db Bandwidth	330MHz
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RELATED PRODUCTS			
	Part#: DG4051AEN-T1-E4 Description: IC MUX SINGLE 8CHAN 16-MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG403DY-E3 Description: IC SWITCH DUAL SPDT 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG4051EEQ-T1-GE3 Description: IC MUX SINGLE 8CHAN 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG403DY+ Description: IC SWITCH DUAL DPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG4051EEN-T1-GE4 Description: IC MUX SINGLE 8CHAN 16-MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG4052EEN-T1-GE4 Description: IC MUX DUAL 4CHAN 16-MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG4051EEY-T1-GE3 Description: IC MUX SINGLE 8CHAN 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG403DY-T1 Description: IC SWITCH DUAL SPDT 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG4052EEY-T1-GE3 Description: IC MUX DUAL 4CHAN 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG4053AEN-T1-E4 Description: IC MUX TRIPLE 2CHAN 16-MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG403DY Description: IC SWITCH DUAL SPDT 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG4052EEQ-T1-GE3 Description: IC MUX DUAL 4CHAN 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG403DY-T Description: IC SWITCH DUAL DPST 16SOIC	Manufacturers: Intersil	RFQ
	Part#: DG403DYZ Description: IC SWITCH DUAL DPST 16SOIC	Manufacturers: Intersil	RFQ
	Part#: DG403DY-T1-E3 Description: IC SWITCH DUAL SPDT 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG403DY+T Description: IC SWITCH DUAL DPST 16SOIC	Manufacturers: Maxim Integrated	RFQ
	Part#: DG403DYZ-T Description: IC SWITCH DUAL DPST 16SOIC	Manufacturers: Intersil	RFQ
	Part#: DG4052AEN-T1-E4 Description: IC MUX DUAL 4CHAN 16-MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG4053AEQ-T1-E3 Description: IC MULTIPLEXER TRPL 2X1 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG4052AEQ-T1-E3 Description: IC MULTIPLEXER DUAL 4X1 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

Related keywords for DG4051AEQ-T1-E3			
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