

DG612AEQ-T1-E3



Part Number: [DG612AEQ-T1-E3](#)

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

Description: IC SWITCH QUAD SPST 16TSSOP

Data sheet:  [DG611A-13A](#)

RoHs Status: Lead free / RoHS Compliant

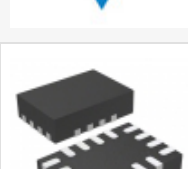
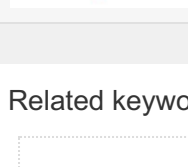
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PRODUCT PARAMETER			
Part Number	DG612AEQ-T1-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH QUAD SPST 16TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5999 pcs	Data sheet	DG611A-13A
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	2.7 V ~ 12 V
Voltage - Supply, Dual (V±)	±2.7 V ~ 5 V	Switch Time (Ton, Toff) (Max)	55ns, 35ns
Switch Circuit	SPST - NO	Supplier Device Package	16-TSSOP
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Other Names	DG612AEQ-T1-E3TR DG612AEQT1E3
Operating Temperature	-40°C ~ 125°C (TA)	On-State Resistance (Max)	115 Ohm
Number of Circuits	4	Multiplexer/Demultiplexer Circuit	1:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	4 Circuit IC Switch 1:1 115 Ohm 16-TSSOP	Current - Leakage (IS(off)) (Max)	100pA
Crosstalk	-90dB @ 10MHz	Charge Injection	1pC
Channel-to-Channel Matching (ΔRon)	700 mOhm	Channel Capacitance (CS(off), CD(off))	2pF, 3pF
Base Part Number	DG612	-3db Bandwidth	720MHz
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RELATED PRODUCTS			
	Part#: DG612EEY-T1-GE4 Description: IC ANALOG SWITCH 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612DY-T1-E3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612DY-E3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG611EEQ-T1-GE4 Description: IC ANALOG SWITCH 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG611DY-T1 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612EEQ-T1-GE4 Description: IC SWITCH QUAD SPST TSSOP16	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG611DJ-E3 Description: IC SWITCH QUAD SPST 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612DY-T1 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG611DY-E3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG611EEN-T1-GE4 Description: IC ANALOG SWITCH 16MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612DJ-E3 Description: IC SWITCH QUAD SPST 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG611DY Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612AEN-T1-E4 Description: IC SWITCH QUAD SPST 16MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG611DY-T1-E3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG611DJ Description: IC SWITCH QUAD SPST 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612AEY-T1-E3 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612DJ Description: IC SWITCH QUAD SPST 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG611EEY-T1-GE4 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612EEN-T1-GE4 Description: IC AMP/VIDEO/MUX LP 16QFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612DY Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

Related keywords for DG612AEQ-T1-E3			
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