

DG612EEY-T1-GE4



Part Number: [DG612EEY-T1-GE4](#)

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

Description IC ANALOG SWITCH 16SOIC

Data sheet:  [DG611E](#), [DG612E](#), [DG613E](#)

RoHs Status: Lead free / RoHS Compliant

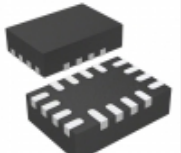
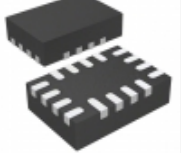
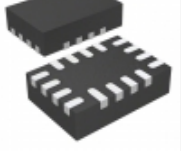
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG612EEY-T1-GE4	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC ANALOG SWITCH 16SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	123551 pcs	Data sheet	DG611E , DG612E , DG613E
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	3 V ~ 12 V
Voltage - Supply, Dual (V±)	±3 V ~ 5 V	Switch Time (Ton, Toff) (Max)	50ns, 35ns
Switch Circuit	SPST - NO	Supplier Device Package	16-SOIC
Series	-	Packaging	Tape & Reel (TR)
Package / Case	16-SOIC (0.154", 3.90mm Width)	Other Names	DG612EEY-T1-GE4TR
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)	Manufacturer Standard Lead Time	15 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	4 Circuit IC Switch 1:1 115 Ohm 16-SOIC
Current - Leakage (IS(off)) (Max)	100pA	Crosstalk	-74dB @ 10MHz
Charge Injection	1.4pC	Channel-to-Channel Matching (ΔRon)	2.5 Ohm
Channel Capacitance (CS(off), CD(off))	3pF, 3pF	-3db Bandwidth	1GHz
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RELATED PRODUCTS			
	Part#: DG612DY-E3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612AEQ-T1-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612DJ-E3 Description: IC SWITCH QUAD SPST 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG613EEN-T1-GE4 Description: IC ANALOG SWITCH 16MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612DY Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG613AEQ-T1-E3 Description: IC SWITCH QUAD SPST 16TSSOP	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-T1 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG613DY-E3 Description: IC SWITCH QUAD NO/NC 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612EEN-T1-GE4 Description: IC AMP/VIDEO/MUX LP 16QFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG613DJ-E3 Description: IC SWITCH QUAD NO/NC 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG613AEY-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#: DG613DJ Description: IC SWITCH QUAD NO/NC 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG613DY-T1 Description: IC SWITCH QUAD NO/NC 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG613AEN-T1-E4 Description: IC SWITCH QUAD SPST 16MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG613DY-T1-E3 Description: IC SWITCH QUAD NO/NC 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612AEY-T1-E3 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612EEQ-T1-GE4 Description: IC SWITCH QUAD SPST TSSOP16	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG613DY Description: IC SWITCH QUAD NO/NC 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

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