

DG612DY-T1



Part Number: [DG612DY-T1](#)

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

Description: IC SWITCH QUAD SPST 16-SOIC

Data sheet:  [DG611-613](#)

RoHS Status: Contains lead / RoHS non-compliant

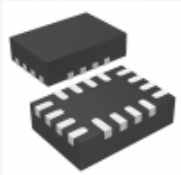
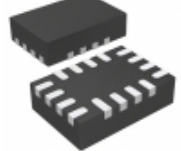
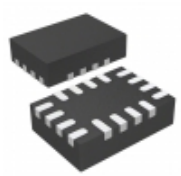
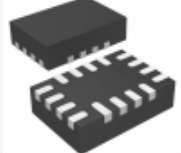
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DG612DY-T1	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH QUAD SPST 16-SOIC	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4731 pcs	Data sheet	DG611-613
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	10 V ~ 18 V
Voltage - Supply, Dual (V±)	±10 V ~ 15 V	Switch Time (Ton, Toff) (Max)	35ns, 25ns
Switch Circuit	SPST - NO	Supplier Device Package	16-SOIC
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)	45 Ohm	Number of Circuits	4
Multiplexer/Demultiplexer Circuit	1:1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	Detailed Description	4 Circuit IC Switch 1:1 45 Ohm 16-SOIC
Current - Leakage (IS(off)) (Max)	250pA	Crosstalk	-87dB @ 5MHz
Charge Injection	4pC	Channel-to-Channel Matching (ΔRon)	2 Ohm
Channel Capacitance (CS(off), CD(off))	3pF, 2pF	-3db Bandwidth	500MHz
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RELATED PRODUCTS			
	Part#: DG611EEQ-T1-GE4 Description: IC ANALOG SWITCH 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG613AEN-T1-E4 Description: IC SWITCH QUAD SPST 16MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG613DJ-E3 Description: IC SWITCH QUAD NO/NC 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612DY Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612EEY-T1-GE4 Description: IC ANALOG SWITCH 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612DY-E3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG613DJ Description: IC SWITCH QUAD NO/NC 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG613DY Description: IC SWITCH QUAD NO/NC 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG611EEN-T1-GE4 Description: IC ANALOG SWITCH 16MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612DY-T1-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#: DG612EEQ-T1-GE4 Description: IC SWITCH QUAD SPST TSSOP16	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG613AEQ-T1-E3 Description: IC SWITCH QUAD SPST 16TSSOP	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#: DG612AEN-T1-E4 Description: IC SWITCH QUAD SPST 16MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG612DJ 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-E3 Description: IC SWITCH QUAD SPST 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG613AEY-T1-E3 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

Related keywords for DG612DY-T1			
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