

DG4157EDN-T1-GE4





Part Number: [DG4157EDN-T1-GE4](#)

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

Description IC ANALOG SWITCH 6MICRODFN

Data sheet:  [DG4157E](#)

RoHs Status: Lead free / RoHS Compliant

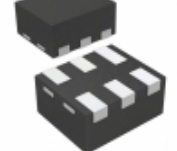
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PRODUCT PARAMETER			
Part Number	DG4157EDN-T1-GE4	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC ANALOG SWITCH 6MICRODFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	297108 pcs	Data sheet	DG4157E
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	1.65 V ~ 5.5 V
Voltage - Supply, Dual (V±)	-	Switch Time (Ton, Toff) (Max)	32ns, 28ns
Switch Circuit	SPDT	Supplier Device Package	6-UDFN (1x1)
Series	-	Packaging	Tape & Reel (TR)
Package / Case	6-XDFN	Other Names	DG4157EDN-T1-GE4-ND DG4157EDN-T1-GE4TR
Operating Temperature	-40°C ~ 85°C	On-State Resistance (Max)	1.2 Ohm
Number of Circuits	1	Multiplexer/Demultiplexer Circuit	2:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	16 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	1 Circuit IC Switch 2:1 1.2 Ohm 6-UDFN (1x1)
Current - Leakage (IS(off)) (Max)	3nA	Crosstalk	-41dB @ 10MHz
Charge Injection	-5pC	Channel-to-Channel Matching (ΔRon)	120 mOhm (Max)
Channel Capacitance (CS(off), CD(off))	-	-3db Bandwidth	152MHz
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RELATED PRODUCTS			
	Part#: DG413LEDY-T1-GE3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG413LDY-T1-E3 Description: IC SWITCH QUAD SPST LV 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG4157EDL-T1-GE3 Description: IC ANALOG SWITCH SC70-6	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG413LEDQ-T1-GE3 Description: IC SWITCH QUAD SPST 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG417AK/883B Description: IC SWITCH SPST-NC 35 OHM 8CDIP	Manufacturers: Maxim Integrated	RFQ
	Part#: DG413LDY-T1 Description: IC SWITCH QUAD SPST LV 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG413LEDJ-GE3 Description: IC SWITCH QUAD SPST 16-DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG417AK-E3 Description: IC SWITCH SPST 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG417BAK Description: IC SWITCH SPST 8CDIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG417BDY Description: IC SWITCH QUAD SPST 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG4157DN-T1-E4 Description: IC SWITCH SGL SPDT LV 6-MINIQFN	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG417AK Description: IC SWITCH SPST 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG413LEDY-GE3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG417BDY-E3 Description: IC SWITCH QUAD SPST 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG417BDJ-E3 Description: IC SWITCH QUAD SPST 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG417BDQ-T1-E3 Description: IC SWITCH QUAD SPST 8MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG413LEDQ-GE3 Description: IC SWITCH QUAD SPST 16-TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG417BDJ Description: IC SWITCH QUAD SPST 8DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

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