

DG442LEDQ-T1-GE3



Part Number: [DG442LEDQ-T1-GE3](#)

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

Description: IC SWITCH QUAD SPST 16-TSSOP

Data sheet:  [DG441LE, DG442LE](#)

RoHs Status: Lead free / RoHS Compliant

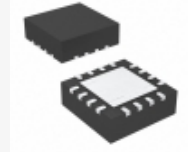
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PRODUCT PARAMETER			
Part Number	DG442LEDQ-T1-GE3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH QUAD SPST 16-TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	91598 pcs	Data sheet	DG441LE, DG442LE
Category	Integrated Circuits (ICs)	Voltage - Supply, Single (V+)	3 V ~ 16 V
Voltage - Supply, Dual (V±)	±3 V ~ 8 V	Switch Time (Ton, Toff) (Max)	60ns, 35ns
Switch Circuit	SPST - NO	Supplier Device Package	16-TSSOP
Series	-	Packaging	Cut Tape (CT)
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Other Names	DG442LEDQ-T1-GE3CT
Operating Temperature	-40°C ~ 85°C (TA)	On-State Resistance (Max)	26 Ohm
Number of Circuits	4	Multiplexer/Demultiplexer Circuit	1:1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	17 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	4 Circuit IC Switch 1:1 26 Ohm 16-TSSOP
Current - Leakage (IS(off)) (Max)	1nA	Crosstalk	-114dB @ 1MHz
Charge Injection	6.6pC	Channel-to-Channel Matching (ΔRon)	100 mOhm
Channel Capacitance (CS(off), CD(off))	5pF, 6pF	-3db Bandwidth	-
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	Part#: DG442LEDY-GE3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG444BDJ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG442LDQ-E3 Description: IC SWITCH QUAD SPST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG444BDJ-E3 Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG442LDJ-E3 Description: IC SWITCH SPST 30 OHM 16DIP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
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	Part#: DG442LEDY-T1-GE3 Description: IC SWITCH QUAD SPST 16-SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG442LDY-T1-E3 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG444BDY-T1-E3 Description: IC SWITCH QUAD SPST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: DG444CJ Description: IC SWITCH QUAD SPST 16DIP	Manufacturers: Maxim Integrated	RFQ

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