


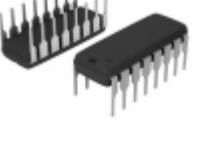


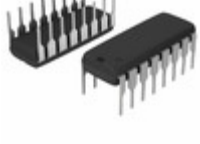
	<b>DG442LDQ-E3</b>
	<b>Manufacturer Part Number:</b> <a href="#">DG442LDQ-E3</a>
	<b>Manufacturer/Brand:</b> <a href="#">Electro-Films (EFI) / Vishay</a>
	<b>Part of Description:</b> IC SWITCH QUAD SPST 16TSSOP
<b>Datasheets:</b>  <a href="#">DG442LDQ-E3.pdf</a>	<b>RoHS Status:</b>  Lead free / RoHS
<b>Stock Condition:</b> Compliant New original, Stock Available.	<b>Ship From:</b> Hong Kong
<b>Image may be representation. See specs for product details.</b>	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	DG442LDQ-E3
Manufacturer	Electro-Films (EFI) / Vishay
Description	IC SWITCH QUAD SPST 16TSSOP
Category	Integrated Circuits (ICs) > Interface - Analog Switches,
Part Status	Require For Quote & Check Stock
Voltage - Supply, Single (V+)	2.7 V ~ 12 V
Voltage - Supply, Dual (V±)	±3 V ~ 6 V
Switch Time (Ton, Toff) (Max)	60ns, 35ns
Switch Circuit	SPST - NO
Supplier Device Package	16-TSSOP
Series	-
Packaging	Tube
Package / Case	16-TSSOP (0.173", 4.40mm Width)
Operating Temperature	-40°C ~ 85°C (TA)
On-State Resistance (Max)	30 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 30 Ohm 16-TSSOP
Current - Leakage (IS(off)) (Max)	1nA
Crosstalk	-95dB @ 1MHz
Charge Injection	5pC
Channel-to-Channel Matching (ΔRon)	100 mOhm
Channel Capacitance (CS(off), CD(off))	5pF, 6pF
Base Part Number	DG442
-3db Bandwidth	280MHz

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