



Electro-Films (EFI) / Vishay



Image may be representation. See specifications for product details.

DG442DY

Part Number:	DG442DY
Manufacturer/Brand:	Electro-Films (EFI) / Vishay
Product description	IC SWITCH QUAD SPST 16SOIC
Datasheets:	 DG442DY.pdf
RoHs Status	 Contains lead / RoHS non-compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of DG442DY

PART NUMBER	DG442DY
MANUFACTURER	Electro-Films (EFI) / Vishay
DESCRIPTION	IC SWITCH QUAD SPST 16SOIC
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DATA SHEET	 DG442DY.pdf
VOLTAGE - SUPPLY, SINGLE (V+)	12V
VOLTAGE - SUPPLY, DUAL (V±)	±15V
SWITCH TIME (TON, TOFF) (MAX)	250ns, 210ns
SWITCH CIRCUIT	SPST - NO
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	-
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
OTHER NAMES	DG442DYSI
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
ON-STATE RESISTANCE (MAX)	85 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 85 Ohm 16-SOIC
CURRENT - LEAKAGE (IS(OFF)) (MAX)	500pA
CROSSTALK	-100dB @ 1MHz
CHARGE INJECTION	-1pC
CHANNEL-TO-CHANNEL MATCHING (ΔRON)	4 Ohm (Max)
CHANNEL CAPACITANCE (CS(OFF), CD(OFF))	4pF, 4pF
-3DB BANDWIDTH	-

Related Tags

Electro-Films (EFI) / Vishay DG442DY	DG442DY Distributor	DG442DY Supplier
DG442DY Price	DG442DY Pictures	DG442DY Image
DG442DY PDF Datasheet	DG442DY Download Datasheet	DG442DY Datasheet
DG442DY Stock	Buy DG442DY	Buy Electro-Films (EFI) / Vishay DG442DY
Electro-Films (EFI) / Vishay DG442DY	Electro-Films (EFI) / Vishay Supplier	Electro-Films (EFI) / Vishay Distributor
Electro-Films (EFI) / Vishay DG442DY	Electro-Films (EFI) / Vishay DG442DY	Vishay Electro-Films DG442DY
Phoenix Passive Components / Vishay DG442DY		

Related Products

 DG442DY-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16SOIC In stock: Out stock RFQ	 DG442DY+ Manufacturers: Maxim Integrated Description: IC SWITCH QUAD SPST 16SOIC In stock: Out stock RFQ
 DG442DY Manufacturers: Intersil Description: IC SWITCH QUAD SPST 16SOIC In stock: Out stock RFQ	 DG442DY-T1 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16SOIC In stock: Out stock RFQ
 DG442DY-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16SOIC In stock: 440 pcs RFQ	 DG442DY+T Manufacturers: Maxim Integrated Description: IC SWITCH QUAD SPST 16SOIC In stock: Out stock RFQ
 DG442DY Manufacturers: Maxim Integrated Description: IC SWITCH QUAD SPST 16SOIC In stock: Out stock RFQ	 DG442DK Manufacturers: Maxim Integrated Description: IC ANLG SWITCH SPST QUAD CDIP In stock: Out stock RFQ
 DG442DVZ-T Manufacturers: Intersil Description: IC SWITCH QUAD SPST 16TSSOP In stock: Out stock RFQ	 DG442DJZ Manufacturers: Intersil Description: IC SWITCH QUAD SPST 16DIP In stock: 510 pcs RFQ
 DG442DVZ Manufacturers: Intersil Description: IC SWITCH QUAD SPST 16TSSOP In stock: Out stock RFQ	 DG442DY-T Manufacturers: Intersil Description: IC SWITCH QUAD SPST 16SOIC In stock: Out stock RFQ