



Maxim Integrated

### DG442DY+

Part Number:	DG442DY+
Manufacturer/Brand:	Maxim Integrated
Product description:	IC SWITCH QUAD SPST 16SOIC
Datasheets:	<a href="#">DG442DY+.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	19253 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

#### Specifications of DG442DY+

PART NUMBER	DG442DY+
MANUFACTURER	Maxim Integrated
DESCRIPTION	IC SWITCH QUAD SPST 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	19253 pcs
DATA SHEET	<a href="#">DG442DY+.pdf</a>
VOLTAGE - SUPPLY, SINGLE (V+)	10 V ~ 30 V
VOLTAGE - SUPPLY, DUAL (V±)	±4.5 V ~ 20 V
SWITCH TIME (TON, TOFF) (MAX)	250ns, 170ns
SWITCH CIRCUIT	SPST - NO
SUPPLIER DEVICE PACKAGE	16-SO
SERIES	-
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
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	Lead free / RoHS Compliant
DETAILED DESCRIPTION	4 Circuit IC Switch 1:1 85 Ohm 16-SO
CURRENT - LEAKAGE (IS(OFF)) (MAX)	500pA
CROSSTALK	-100dB @ 1MHz
CHARGE INJECTION	5pC
CHANNEL-TO-CHANNEL MATCHING (ΔRON)	4 Ohm (Max)
CHANNEL CAPACITANCE (CS(OFF), CD(OFF))	4pF, 4pF
BASE PART NUMBER	DG442
-3DB BANDWIDTH	-

#### Related Tags

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#### Related Products

<p><b>DG442DY-E3</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16SOIC In stock: 52127 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>DG442DY</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16SOIC In stock: 6686 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>DG442DY-T</b> Manufacturers: Intersil Description: IC SWITCH QUAD SPST 16SOIC In stock: 4935 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>DG442DY-T1</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16SOIC In stock: 4625 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>DG442DK</b> Manufacturers: Maxim Integrated Description: IC ANLG SWITCH SPST QUAD CDIP In stock: 5867 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>DG442DY</b> Manufacturers: Intersil Description: IC SWITCH QUAD SPST 16SOIC In stock: 5651 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>DG442DYZ</b> Manufacturers: Intersil Description: IC SWITCH QUAD SPST 16SOIC In stock: 47787 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>DG442DVZ-T</b> Manufacturers: Intersil Description: IC SWITCH QUAD SPST 16TSSOP In stock: 90726 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>DG442DY+T</b> Manufacturers: Maxim Integrated Description: IC SWITCH QUAD SPST 16SOIC In stock: 24354 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>DG442DVZ</b> Manufacturers: Intersil Description: IC SWITCH QUAD SPST 16TSSOP In stock: 45737 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>DG442DY-T1-E3</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC SWITCH QUAD SPST 16SOIC In stock: 105196 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>DG442DY</b> Manufacturers: Maxim Integrated Description: IC SWITCH QUAD SPST 16SOIC In stock: 6260 pcs</p> <p><a href="#">RFQ</a></p>