



Maxim Integrated

## DG418DJ

Part Number:	DG418DJ
Manufacturer/Brand:	Maxim Integrated
Product description:	IC ANALOG SWITCH CMOS 8DIP
Datasheets:	DG418DJ.pdf
RoHs Status:	Contains lead / RoHS non-compliant
Stock Condition:	6800 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

### Specifications of DG418DJ

PART NUMBER	DG418DJ
MANUFACTURER	Maxim Integrated
DESCRIPTION	IC ANALOG SWITCH CMOS 8DIP
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	6800 pcs
DATA SHEET	DG418DJ.pdf
VOLTAGE - SUPPLY, SINGLE (V+)	10 V ~ 30 V
VOLTAGE - SUPPLY, DUAL (V±)	±4.5 V ~ 20 V
SWITCH TIME (TON, TOFF) (MAX)	175ns, 145ns
SWITCH CIRCUIT	SPST - NO
SUPPLIER DEVICE PACKAGE	8-PDIP
SERIES	-
PACKAGING	Tube
PACKAGE / CASE	8-DIP (0.300", 7.62mm)
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
ON-STATE RESISTANCE (MAX)	35 Ohm
NUMBER OF CIRCUITS	1
MULTIPLEXER/DEMULTIPLEXER CIRCUIT	1:1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
DETAILED DESCRIPTION	1 Circuit IC Switch 1:1 35 Ohm 8-PDIP
CURRENT - LEAKAGE (IS(OFF)) (MAX)	250pA
CROSSTALK	-85dB @ 1MHz
CHARGE INJECTION	3pC
CHANNEL-TO-CHANNEL MATCHING (ΔRON)	3 Ohm (Max)
CHANNEL CAPACITANCE (CS(OFF), CD(OFF))	8pF, 8pF
BASE PART NUMBER	DG418
-3DB BANDWIDTH	-

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### Related Products

<p><b>DG418DJ</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC ANALOG SWITCH CMOS 8DIP In stock: 5036 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>DG418CJ</b> Manufacturers: Maxim Integrated Description: IC SWITCH SPST 8DIP In stock: 5892 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>DG418DK</b> Manufacturers: Maxim Integrated Description: IC ANALOG SWITCH In stock: 5773 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>DG418CY+T</b> Manufacturers: Maxim Integrated Description: IC SWITCH SPST 8SOIC In stock: 3876 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>DG418CY</b> Manufacturers: Maxim Integrated Description: IC SWITCH SPST 8SOIC In stock: 5407 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>DG418BDY-T1-E3</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC ANALOG SWITCH SPST 8SOIC In stock: 67552 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>DG418DJ-E3</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC ANALOG SWITCH CMOS 8DIP In stock: 39940 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>DG418CY+</b> Manufacturers: Maxim Integrated Description: IC SWITCH SPST 8SOIC In stock: 22747 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>DG418CJ+</b> Manufacturers: Maxim Integrated Description: IC SWITCH SPST 8DIP In stock: 4947 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>DG418DY</b> Manufacturers: Maxim Integrated Description: IC SWITCH SPST 8SOIC In stock: 4794 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>DG418DJ+</b> Manufacturers: Maxim Integrated Description: IC ANALOG SWITCH CMOS 8DIP In stock: 11094 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>DG418DY</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC ANALOG SWITCH CMOS 8SOIC In stock: 4855 pcs</p> <p><a href="#">RFQ</a></p>

