

DG419CJ



Part Number: [DG419CJ](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH SPDT 8DIP

Data sheet:  [DG417-19](#)

RoHs Status: Contains lead / RoHS non-compliant

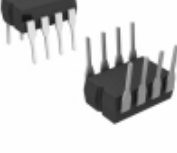
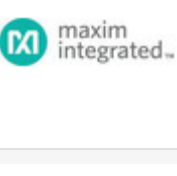
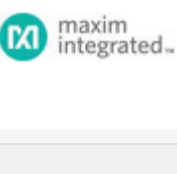
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                    |                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                           | DG419CJ                                   | Manufacturer                       | <a href="#">Maxim Integrated</a>      |
| Description                                                                                                                                                                                                                                                                                                                                                                                           | IC SWITCH SPDT 8DIP                       | Lead Free Status / RoHS Status     | Contains lead / RoHS non-compliant    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                    | 5160 pcs                                  | Data sheet                         | <a href="#">DG417-19</a>              |
| Category                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | 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                                                                                                                                                                                                                                                                                                                                                                                        | SPDT                                      | Supplier Device Package            | 8-PDIP                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Packaging                          | Tube                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                        | 8-DIP (0.300", 7.62mm)                    | Operating Temperature              | 0°C ~ 70°C (TA)                       |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                             | 35 Ohm                                    | Number of Circuits                 | 1                                     |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                     | 2:1                                       | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                        | Contains lead / RoHS non-compliant        | Detailed Description               | 1 Circuit IC Switch 2:1 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                   | DG419                                 |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                        | -                                         |                                    |                                       |
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|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------|----------------|
|  | Part#: <a href="#">DG419BDJ</a><br>Description: IC ANALOG SWITCH CMOS 8DIP        | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG419BDQ-T1-E3</a><br>Description: IC ANALOG SWITCH CMOS 8MSOP | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG419BDJ-E3</a><br>Description: IC ANALOG SWITCH CMOS 8DIP     | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG419CJ+</a><br>Description: IC SWITCH SPDT 8DIP               | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG419AK/883B</a><br>Description: IC SWITCH SPDT 30 OHM 8CDIP   | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
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|  | Part#: <a href="#">DG419DJ-E3</a><br>Description: IC ANALOG SWITCH CMOS 8DIP      | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DG419DY</a><br>Description: IC SWITCH SPDT 8SOIC               | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG419BDY</a><br>Description: IC ANALOG SWITCH CMOS 8SOIC       | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG419DY</a><br>Description: IC ANALOG SWITCH CMOS 8SOIC        | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG419BAK</a><br>Description: IC ANALOG SWITCH CMOS 8DIP        | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG419CY</a><br>Description: IC SWITCH SPDT 8SOIC               | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG419BAK-E3</a><br>Description: IC ANALOG SWITCH CMOS 8DIP     | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG419BDY-T1-E3</a><br>Description: IC ANALOG SWITCH CMOS 8SOIC | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG419DJ+</a><br>Description: IC SWITCH SPDT 8DIP               | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |

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