

DG401DYZ



A Renesas Company

Part Number: [DG401DYZ](#)

Manufacturer: [Intersil](#)

Description: IC SWITCH DUAL SPST 16SOIC

Data sheet:  [DG401,403](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

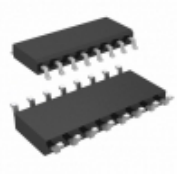
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| PRODUCT PARAMETER                  |                                           |                                        |                            |
|------------------------------------|-------------------------------------------|----------------------------------------|----------------------------|
| Part Number                        | DG401DYZ                                  | Manufacturer                           | <a href="#">Intersil</a>   |
| Description                        | IC SWITCH DUAL SPST 16SOIC                | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant |
| Quantity Available                 | 74861 pcs                                 | Data sheet                             | <a href="#">DG401,403</a>  |
| Category                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | 5 V ~ 34 V                 |
| Voltage - Supply, Dual (V±)        | ±5 V ~ 17 V                               | Switch Time (Ton, Toff) (Max)          | 150ns, 100ns               |
| Switch Circuit                     | SPST - NO                                 | Supplier Device Package                | 16-SOIC                    |
| Series                             | -                                         | Packaging                              | Tube                       |
| Package / Case                     | 16-SOIC (0.154", 3.90mm Width)            | Operating Temperature                  | -40°C ~ 85°C (TA)          |
| On-State Resistance (Max)          | 45 Ohm                                    | Number of Circuits                     | 2                          |
| Multiplexer/Demultiplexer Circuit  | 1:1                                       | Moisture Sensitivity Level (MSL)       | 3 (168 Hours)              |
| Manufacturer Standard Lead Time    | 21 Weeks                                  | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant |
| Detailed Description               | 2 Circuit IC Switch 1:1 45 Ohm 16-SOIC    | Current - Leakage (IS(off)) (Max)      | 500pA                      |
| Crosstalk                          | -90dB @ 1MHz                              | Charge Injection                       | 60pC                       |
| Channel-to-Channel Matching (ΔRon) | 3 Ohm                                     | Channel Capacitance (CS(off), CD(off)) | 12pF, 12pF                 |
| Base Part Number                   | DG401                                     | -3db Bandwidth                         | -                          |

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|  | Part#: <a href="#">DG403BDY-T1</a><br>Description: IC ANALOG SWITCH SPDT 16SOIC    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DG401DY+T</a><br>Description: IC SWITCH DUAL SPST 16SOIC        | Manufacturers: <a href="#">Maxim Integrated</a>             | <div>RFQ</div> |
|  | Part#: <a href="#">DG403BDY</a><br>Description: IC ANALOG SWITCH SPDT 16SOIC       | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DG401DY</a><br>Description: IC SWITCH DUAL SPST 16SOIC          | Manufacturers: <a href="#">Intersil</a>                     | <div>RFQ</div> |
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|  | Part#: <a href="#">DG401DY-T1-E3</a><br>Description: IC ANALOG SWITCH SPDT 16SOIC  | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DG403BDY-E3</a><br>Description: IC ANALOG SWITCH SPDT 16SOIC    | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <div>RFQ</div> |
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