

DG307AAK-E3



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**Part Number:** [DG307AAK-E3](#)

**Manufacturer:** [Electro-Films \(EFI\) / Vishay](#)

**Description:** IC SWITCH CMOS 14DIP

**Data sheet:**  [DG304-307A\\_MIL](#)

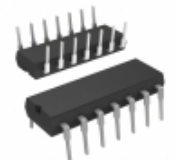
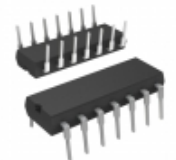
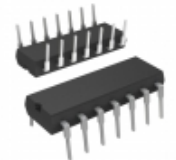
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                    |                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DG307AAK-E3                               | Manufacturer                       | <a href="#">Electro-Films (EFI) / Vishay</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC SWITCH CMOS 14DIP                      | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4537 pcs                                  | Data sheet                         | <a href="#">DG304-307A_MIL</a>               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | -                                            |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ±15V                                      | Switch Time (Ton, Toff) (Max)      | 250ns, 150ns                                 |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SPDT                                      | Supplier Device Package            | 14-CERDIP                                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                         | Packaging                          | Tube                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 14-CDIP (0.300", 7.62mm)                  | Operating Temperature              | -55°C ~ 125°C (TA)                           |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 50 Ohm                                    | Number of Circuits                 | 2                                            |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2:1                                       | Moisture Sensitivity Level (MSL)   | 1 (Unlimited)                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Lead free / RoHS Compliant                | Detailed Description               | 2 Circuit IC Switch 2:1 50 Ohm 14-CERDIP     |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1nA                                       | Crosstalk                          | -74dB @ 500kHz                               |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 30pC                                      | Channel-to-Channel Matching (ΔRon) | -                                            |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                                                                                           | 14pF, 14pF                                | -3db Bandwidth                     | -                                            |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Electro-Films (EFI) / Vishay series electronic components. We have 4537 pieces of Electro-Films (EFI) / Vishay DG307AAK-E3 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                    |                                              |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                             |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">DG306BDJ-E3</a><br>Description: IC SWITCH CMOS 14DIP             | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG305ACJ</a><br>Description: IC SWITCH SPDT 14DIP                | Manufacturers: <a href="#">Maxim Integrated</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG305ACWE+</a><br>Description: IC SWITCH SPDT 16SOIC             | Manufacturers: <a href="#">Maxim Integrated</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG307ACJ</a><br>Description: IC SWITCH DUAL SPDT 14DIP           | Manufacturers: <a href="#">Maxim Integrated</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG305ACJ+</a><br>Description: IC SWITCH SPDT 14DIP               | Manufacturers: <a href="#">Maxim Integrated</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG307AAK/883</a><br>Description: IC SWITCH CMOS 14DIP            | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG305ACWE</a><br>Description: IC SWITCH SPDT 16SOIC              | Manufacturers: <a href="#">Maxim Integrated</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG306BDJ</a><br>Description: IC SWITCH CMOS 14DIP                | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG307ACWE</a><br>Description: IC SWITCH DUAL SPDT 16SOIC         | Manufacturers: <a href="#">Maxim Integrated</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG307BDJ</a><br>Description: IC SWITCH CMOS 14DIP                | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG307AAK/883B</a><br>Description: IC SWITCH SPDT 50 OHM 14CERDIP | Manufacturers: <a href="#">Maxim Integrated</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG306ACWE+</a><br>Description: IC SWITCH DUAL DPST 16SOIC        | Manufacturers: <a href="#">Maxim Integrated</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG306ACJ</a><br>Description: IC SW ANLG CMOS 14-DIP              | Manufacturers: <a href="#">Maxim Integrated</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG308ACJ+</a><br>Description: IC SWITCH QUAD SPST 16DIP          | Manufacturers: <a href="#">Maxim Integrated</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG307ACJ+</a><br>Description: IC SWITCH DUAL SPDT 14DIP          | Manufacturers: <a href="#">Maxim Integrated</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG307AAK</a><br>Description: IC SWITCH CMOS 14DIP                | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG306AAK/883</a><br>Description: IC SW ANLG CMOS 14CDIP          | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG308ACJ</a><br>Description: IC SWITCH QUAD SPST 16DIP           | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG307BDJ-E3</a><br>Description: IC SWITCH CMOS 14DIP             | Manufacturers: <a href="#">Electro-Films (EFI) / Vishay</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">DG307AEWE</a><br>Description: IC SW ANLG CMOS 16-SOIC            | Manufacturers: <a href="#">Maxim Integrated</a>             | <a href="#">RFQ</a> |

Related keywords for **DG307AAK-E3**

|                                          |                                          |                                  |                                                 |
|------------------------------------------|------------------------------------------|----------------------------------|-------------------------------------------------|
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| DG307AAK-E3 download datasheet           | DG307AAK-E3 datasheet                    | DG307AAK-E3 stock                | buy DG307AAK-E3                                 |
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