

MC14016BDR2G



ON Semiconductor®

Part Number: [MC14016BDR2G](#)

Manufacturer: [AMI Semiconductor / ON Semiconductor](#)

Description: IC SWITCH 1X1 14SOIC

Data sheet:  [MC14016B](#)

RoHs Status: Lead free / RoHS Compliant

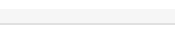
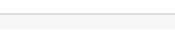
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                    |                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|---------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MC14016BDR2G                              | Manufacturer                       | <a href="#">AMI Semiconductor / ON Semiconductor</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC SWITCH 1X1 14SOIC                      | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 528551 pcs                                | Data sheet                         | <a href="#">MC14016B</a>                                |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 3 V ~ 18 V                                              |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                         | Switch Time (Ton, Toff) (Max)      | -                                                       |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SPST - NO                                 | Supplier Device Package            | 14-SOIC                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Packaging                          | Tape & Reel (TR)                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 14-SOIC (0.154", 3.90mm Width)            | Other Names                        | MC14016BDR2GOS<br>MC14016BDR2GOS-ND<br>MC14016BDR2GOSTR |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -55°C ~ 125°C (TA)                        | On-State Resistance (Max)          | 400 Ohm                                                 |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4                                         | Multiplexer/Demultiplexer Circuit  | 1:1                                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 (Unlimited)                             | Manufacturer Standard Lead Time    | 20 Weeks                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Lead free / RoHS Compliant                | Detailed Description               | 4 Circuit IC Switch 1:1 400 Ohm 14-SOIC                 |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 100nA                                     | Crosstalk                          | -80dB @ 1MHz                                            |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                         | Channel-to-Channel Matching (ΔRon) | 10 Ohm                                                  |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5pF                                       | Base Part Number                   | MC14016B                                                |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 37MHz                                     |                                    |                                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 528551 pieces of AMI Semiconductor / ON Semiconductor MC14016BDR2G 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="#">MC14016BD</a><br>Description: IC SWITCH 1X1 14SOIC                | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14017BFELG</a><br>Description: IC DECADE COUNTER/DVDR 16SOEIAJ  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14015BDG</a><br>Description: IC SHIFT REGISTER DL 4BIT 16SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14015BD</a><br>Description: IC SHIFT REGISTER DL 4BIT 16SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14016BCPG</a><br>Description: IC SWITCH 1X1 14DIP               | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14017BDG</a><br>Description: IC DECADE COUNTER/DIVIDER 16SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14017BDR2G</a><br>Description: IC DECADE COUNTER/DIVIDER 16SOIC | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14015BFEL</a><br>Description: IC SHIFT REGISTER DL 4B 16SOEIAJ  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14016BFELG</a><br>Description: IC SWITCH 1X1 14SOEIAJ           | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14016BDG</a><br>Description: IC SWITCH 1X1 14SOIC               | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14017BCPG</a><br>Description: IC COUNTER/DIVIDER DECADE 16DIP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14018BCP</a><br>Description: IC COUNTER N PRESET 16-DIP         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14018BCPG</a><br>Description: IC COUNTER N PRESET 16-DIP        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14018BD</a><br>Description: IC COUNTER DIV N PRESET 16SOIC      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14015BFELG</a><br>Description: IC SHIFT REGISTER DL 4B 16SOEIAJ | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14017BD</a><br>Description: IC DECADE COUNTER/DIVIDER 16SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14014BFG</a><br>Description: IC SHIFT REGISTER 8BIT 16SOEIAJ    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14018BDG</a><br>Description: IC COUNTER DIV N PRESET 16SOIC     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14015BDR2G</a><br>Description: IC SHIFT REGISTER DL 4BIT 16SOIC | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC14015BCPG</a><br>Description: IC SHIFT REGISTR 4BIT CMOS 16DIP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

Related keywords for MC14016BDR2G

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