

**Semiconductor**

**AMI Semiconductor / ON**

### MC14585BDG

|                      |                                      |
|----------------------|--------------------------------------|
| Part Number:         | MC14585BDG                           |
| Manufacturer/Brand:  | AMI Semiconductor / ON Semiconductor |
| Product description: | IC COMP MAGNITUDE 4BIT 16-SOIC       |
| Datasheets:          | <a href="#">MC14585BDG.pdf</a>       |
| RoHS Status:         | Lead free / RoHS Compliant           |
| Stock Condition:     | 130205 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 MC14585BDG

|                                   |                                                          |
|-----------------------------------|----------------------------------------------------------|
| PART NUMBER                       | MC14585BDG                                               |
| MANUFACTURER                      | AMI Semiconductor / ON Semiconductor                     |
| DESCRIPTION                       | IC COMP MAGNITUDE 4BIT 16-SOIC                           |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                               |
| QUANTITY AVAILABLE                | 130205 pcs                                               |
| DATA SHEET                        | <a href="#">MC14585BDG.pdf</a>                           |
| VOLTAGE - SUPPLY                  | 3 V ~ 18 V                                               |
| TYPE                              | Magnitude Comparator                                     |
| SERIES                            | 4000B                                                    |
| PACKAGING                         | Tube                                                     |
| PACKAGE / CASE                    | 16-SOIC (0.154", 3.90mm Width)                           |
| OUTPUT FUNCTION                   | AB                                                       |
| OUTPUT                            | Active High                                              |
| OTHER NAMES                       | MC14585BDG-ND<br>MC14585BDGOS                            |
| OPERATING TEMPERATURE             | -55°C ~ 125°C                                            |
| NUMBER OF BITS                    | 4                                                        |
| MOUNTING TYPE                     | Surface Mount                                            |
| MOISTURE SENSITIVITY LEVEL (MSL)  | 1 (Unlimited)                                            |
| MAX PROPAGATION DELAY @ V, MAX CL | 260ns @ 15V, 50pF                                        |
| LEAD FREE STATUS / ROHS STATUS    | Lead free / RoHS Compliant                               |
| DETAILED DESCRIPTION              | Magnitude Comparator 4 Bit Active High Output AB 16-SOIC |
| CURRENT - QUIESCENT (IQ)          | 20µA                                                     |
| CURRENT - OUTPUT HIGH, LOW        | 4.2mA, 4.2mA                                             |
| BASE PART NUMBER                  | 4585                                                     |

### Related Tags

|                                                      |                                                       |                                                     |
|------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|
| AMI Semiconductor / ON Semiconductor MC14585BDG      | MC14585BDG Distributor                                | MC14585BDG Supplier                                 |
| MC14585BDG Price                                     | MC14585BDG Pictures                                   | MC14585BDG Image                                    |
| MC14585BDG PDF Datasheet                             | MC14585BDG Download Datasheet                         | MC14585BDG Datasheet                                |
| MC14585BDG Stock                                     | Buy MC14585BDG                                        | Buy AMI Semiconductor / ON Semiconductor MC14585BDG |
| AMI Semiconductor / ON Semiconductor MC14585BDG      | AMI Semiconductor / ON Semiconductor Supplier         | AMI Semiconductor / ON Semiconductor Distributor    |
| AMI Semiconductor / ON Semiconductor MC14585BDG      | ON Semiconductor MC14585BDG                           | Aptina / ON Semiconductor MC14585BDG                |
| Catalyst Semiconductor / ON Semiconductor MC14585BDG | PulseCore Semiconductor / ON Semiconductor MC14585BDG | Sanyo Semiconductor / ON Semiconductor MC14585BDG   |

### Related Products

|                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                 |
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| <p><b>MC14584BF</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC INVERTER SCHMITT 6CH 14SOEIAJ<br/>In stock: 5785 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>  | <p><b>MC14585BFELG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC COMP MAGNITUDE 4BIT 16SOEIAJ<br/>In stock: 5534 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>  |
| <p><b>MC14585BDR2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC COMP MAGNITUDE 4BIT 16-SOIC<br/>In stock: 2880 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>  | <p><b>MC1458D</b><br/>Manufacturers: N/A<br/>Description: IC OPAMP GP 1MHZ 8SOIC<br/>In stock: 150358 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>                                               |
| <p><b>MC14585BD</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC COMP MAGNITUDE 4BIT 16-SOIC<br/>In stock: 7094 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>    | <p><b>MC14584BFELG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC INVERTER SCHMITT 6CH 14SOEIAJ<br/>In stock: 5842 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p> |
| <p><b>MC14584BFG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC INVERTER SCHMITT 6CH 14SOEIAJ<br/>In stock: 4330 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p> | <p><b>MC14585BDR2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC COMP MAGNITUDE 4BIT 16-SOIC<br/>In stock: 394329 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p> |
| <p><b>MC14585BCPG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC COMPARATOR 4BIT CMOS 16DIP<br/>In stock: 5913 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>   | <p><b>MC1458CP1</b><br/>Manufacturers: N/A<br/>Description: IC OPAMP GP 1MHZ 8DIP<br/>In stock: 134603 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>                                              |
| <p><b>MC1458D</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC OPAMP GP 1MHZ 8SO<br/>In stock: 668717 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>                                | <p><b>MC14584BFEL</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC INVERTER SCHMITT 6CH 14SOEIAJ<br/>In stock: 5953 pcs</p> <p style="text-align: center; background-color: #ccc; padding: 2px;"><b>RFQ</b></p>  |