



Diodes Incorporated

## AH175-PL-B-A


Part Number: AH175-PL-B-A  
 Manufacturer/Brand: Diodes Incorporated  
 Product description: MAGNETIC SWITCH LATCH 3SIP  
 Datasheets: [AH175-PL-B-A.pdf](#)  
 RoHS Status:  Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



Image may be representation. See specifications for product details.

[REQUEST FOR QUOTATION](#)

### Specifications of AH175-PL-B-A

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | AH175-PL-B-A  |
| MANUFACTURER                     | Diodes Incorporated                                   |
| DESCRIPTION                      | MAGNETIC SWITCH LATCH 3SIP                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                            |
| DATA SHEET                       | <a href="#">AH175-PL-B-A.pdf</a>                      |
| VOLTAGE - SUPPLY                 | 3.5 V ~ 20 V  |
| TEST CONDITION                   | 25°C  |
| TECHNOLOGY                       | Hall Effect   |
| SUPPLIER DEVICE PACKAGE          | 3-SIP   |
| SERIES                           | -   |
| SENSING RANGE                    | 6mT Trip, -6mT Release                                |
| POLARIZATION                     | South Pole  |
| PACKAGING                        | Tape & Box (TB)                                       |
| PACKAGE / CASE                   | 3-SIP   |
| OUTPUT TYPE                      | Open Collector  |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TA)                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                            |
| FUNCTION                         | Latch   |
| FEATURES                         | Temperature Compensated                               |
| DETAILED DESCRIPTION             | Digital Switch Latch Open Collector Hall Effect 3-SIP |
| CURRENT - SUPPLY (MAX)           | 6mA   |
| CURRENT - OUTPUT (MAX)           | 25mA  |

### Related Tags

|   |                                 |                                      |
|---|---------------------------------|--------------------------------------|
| Diodes Incorporated AH175-PL-B-A                        | AH175-PL-B-A Distributor        | AH175-PL-B-A Supplier                |
| AH175-PL-B-A Price                                      | AH175-PL-B-A Pictures           | AH175-PL-B-A Image                   |
| AH175-PL-B-A PDF Datasheet                              | AH175-PL-B-A Download Datasheet | AH175-PL-B-A Datasheet               |
| AH175-PL-B-A Stock                                      | Buy AH175-PL-B-A                | Buy Diodes Incorporated AH175-PL-B-A |
| Diodes Incorporated AH175-PL-B-A                        | Diodes Incorporated Supplier    | Diodes Incorporated Distributor      |
| Diodes Incorporated AH175-PL-B-A                        | Diodes Inc AH175-PL-B-A         | Pericom Semiconductor AH175-PL-B-A   |
| Zetex Semiconductors (Diodes Incorporated) AH175-PL-B-A |                                 |                                      |

### Related Products

|  |   |
|--|---|
|  <p><b>AH175-WG-7-A</b><br/>                 Manufacturers: Diodes Incorporated<br/>                 Description: MAGNETIC SWITCH LATCH SC59-3<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> |  <p><b>AH175-PL-B-B</b><br/>                 Manufacturers: Diodes Incorporated<br/>                 Description: MAGNETIC SWITCH LATCH 3SIP<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>   |
|  <p><b>AH175-WL-7-A</b><br/>                 Manufacturers: Diodes Incorporated<br/>                 Description: MAGNETIC SWITCH LATCH SC59-3<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> |  <p><b>AH175-PG-A-A</b><br/>                 Manufacturers: Diodes Incorporated<br/>                 Description: MAGNETIC SWITCH LATCH 3SIP<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>   |
|  <p><b>AH175-WG-7-B</b><br/>                 Manufacturers: Diodes Incorporated<br/>                 Description: MAGNETIC SWITCH LATCH SC59-3<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> |  <p><b>AH175-WG-7-B</b><br/>                 Manufacturers: Diodes Incorporated<br/>                 Description: MAGNETIC SWITCH LATCH SC59-3<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> |
|  <p><b>AH175-PL-A-B</b><br/>                 Manufacturers: Diodes Incorporated<br/>                 Description: MAGNETIC SWITCH LATCH 3SIP<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>   |  <p><b>AH175-PG-B-A</b><br/>                 Manufacturers: Diodes Incorporated<br/>                 Description: MAGNETIC SWITCH LATCH 3SIP<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>   |
|  <p><b>AH175-PG-B-B</b><br/>                 Manufacturers: Diodes Incorporated<br/>                 Description: MAGNETIC SWITCH LATCH 3SIP<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>   |  <p><b>AH175-PL-A-A</b><br/>                 Manufacturers: Diodes Incorporated<br/>                 Description: MAGNETIC SWITCH LATCH 3SIP<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>   |
|  <p><b>AH175-WL-7-B</b><br/>                 Manufacturers: Diodes Incorporated<br/>                 Description: MAGNETIC SWITCH LATCH SC59-3<br/>                 In stock: 444 pcs<br/> <a href="#">RFQ</a></p>   |  <p><b>AH175-PG-A-B</b><br/>                 Manufacturers: Diodes Incorporated<br/>                 Description: MAGNETIC SWITCH LATCH 3SIP<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>   |