





Melexis


## MLX90316KDC-BDG-100-SP

|                      |  |
|----------------------|--|
| Part Number:         | MLX90316KDC-BDG-100-SP   |
| Manufacturer/Brand:  | Melexis  |
| Product description: | SENSOR ROTARY 360DEG SMD   |
| Datasheets:          |  <a href="#">MLX90316KDC-BDG-100-SP.pdf</a> |
| RoHS Status:         |  Lead free / RoHS Compliant                 |
| Stock Condition:     | 14049 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 MLX90316KDC-BDG-100-SP

|   |  |
|---|--|
| PART NUMBER                             | MLX90316KDC-BDG-100-SP   |
| MANUFACTURER                            | Melexis  |
| DESCRIPTION                             | SENSOR ROTARY 360DEG SMD   |
| LEAD FREE STATUS / ROHS STATUS          | Lead free / RoHS Compliant   |
| QUANTITY AVAILABLE                      | 14049 pcs  |
| DATA SHEET                              |  <a href="#">MLX90316KDC-BDG-100-SP.pdf</a> |
| VOLTAGE - SUPPLY                        | 4.5 V ~ 5.5 V  |
| TERMINATION STYLE                       | SMD (SMT) Tab  |
| TECHNOLOGY                              | Hall Effect  |
| SUPPLIER DEVICE PACKAGE                 | 8-SOIC   |
| SERIES                                  | Triaxis®   |
| ROTATION ANGLE - ELECTRICAL, MECHANICAL | 0° ~ 360°, Continuous  |
| RESISTANCE TOLERANCE                    | -  |
| PACKAGING                               | Bulk   |
| PACKAGE / CASE                          | 8-SOIC (0.154", 3.90mm Width)  |
| OUTPUT SIGNAL                           | -  |
| OUTPUT                                  | SPI  |
| OPERATING TEMPERATURE                   | -40°C ~ 125°C  |
| MOUNTING TYPE                           | Surface Mount  |
| MOISTURE SENSITIVITY LEVEL (MSL)        | 3 (168 Hours)  |
| LINEARITY                               | ±1°  |
| LINEAR RANGE                            | -  |
| LEAD FREE STATUS / ROHS STATUS          | Lead free / RoHS Compliant   |
| FOR MEASURING                           | Rotary Position  |
| DETAILED DESCRIPTION                    | Hall Effect Sensor Rotary Position External Magnet, Not Included SMD (SMT) Tab   |
| ACTUATOR TYPE                           | External Magnet, Not Included  |

### Related Tags

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|--|--|--|
| <a href="#">Melexis MLX90316KDC-BDG-100-SP</a>       | <a href="#">MLX90316KDC-BDG-100-SP Distributor</a>                     | <a href="#">MLX90316KDC-BDG-100-SP Supplier</a>                |
| <a href="#">MLX90316KDC-BDG-100-SP Price</a>         | <a href="#">MLX90316KDC-BDG-100-SP Pictures</a>                        | <a href="#">MLX90316KDC-BDG-100-SP Image</a>                   |
| <a href="#">MLX90316KDC-BDG-100-SP PDF Datasheet</a> | <a href="#">MLX90316KDC-BDG-100-SP Download Datasheet</a>              | <a href="#">MLX90316KDC-BDG-100-SP Datasheet</a>               |
| <a href="#">MLX90316KDC-BDG-100-SP Stock</a>         | <a href="#">Buy MLX90316KDC-BDG-100-SP</a>                             | <a href="#">Buy Melexis MLX90316KDC-BDG-100-SP</a>             |
| <a href="#">Melexis MLX90316KDC-BDG-100-SP</a>       | <a href="#">Melexis Supplier</a>                                       | <a href="#">Melexis Distributor</a>                            |
| <a href="#">Melexis MLX90316KDC-BDG-100-SP</a>       | <a href="#">Melexis Microelectronic Systems MLX90316KDC-BDG-100-SP</a> | <a href="#">Melexis Technologies NV MLX90316KDC-BDG-100-SP</a> |

### Related Products

|   |  |
|---|--|
|  <p><b>MLX90316KGO-BCG-000-TU</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 11805 pcs</p> <p><a href="#">RFQ</a></p> |  <p><b>MLX90316KDC-BCG-300-SP</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 12554 pcs</p> <p><a href="#">RFQ</a></p> |
|  <p><b>MLX90316KGO-BCG-000-RE</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 8692 pcs</p> <p><a href="#">RFQ</a></p>  |  <p><b>MLX90316KGO-BCG-200-SP</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 8120 pcs</p> <p><a href="#">RFQ</a></p>  |
|  <p><b>MLX90316KGO-BCG-200-RE</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 11675 pcs</p> <p><a href="#">RFQ</a></p> |  <p><b>MLX90316KDC-BCG-200-TU</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 12560 pcs</p> <p><a href="#">RFQ</a></p> |
|  <p><b>MLX90316KDC-BCG-300-TU</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 27177 pcs</p> <p><a href="#">RFQ</a></p> |  <p><b>MLX90316KDC-BCG-300-RE</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 29511 pcs</p> <p><a href="#">RFQ</a></p> |
|  <p><b>MLX90316KDC-BCG-200-SP</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 19966 pcs</p> <p><a href="#">RFQ</a></p> |  <p><b>MLX90316KGO-BCG-000-SP</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 8253 pcs</p> <p><a href="#">RFQ</a></p>  |
|  <p><b>MLX90316KDC-BDG-100-RE</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 33735 pcs</p> <p><a href="#">RFQ</a></p> |  <p><b>MLX90316KDC-BDG-100-TU</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 15891 pcs</p> <p><a href="#">RFQ</a></p> |