



## MLX90365LDC-ABE-000-RE

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | MLX90365LDC-ABE-000-RE                                                                                         |
| Manufacturer/Brand: | Melexis                                                                                                        |
| Product description | SENSOR ROTARY 360DEG SMD                                                                                       |
| Datasheets:         |  1.MLX90365LDC-ABE-000-RE.pdf |
|                     |  2.MLX90365LDC-ABE-000-RE.pdf |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 37730 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

### Specifications of MLX90365LDC-ABE-000-RE

|                                         |                                                                                                                  |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                             | MLX90365LDC-ABE-000-RE                                                                                           |
| MANUFACTURER                            | Melexis                                                                                                          |
| DESCRIPTION                             | SENSOR ROTARY 360DEG SMD                                                                                         |
| LEAD FREE STATUS / ROHS STATUS          | Lead free / RoHS Compliant                                                                                       |
| QUANTITY AVAILABLE                      | 37730 pcs                                                                                                        |
| DATA SHEET                              |  1.MLX90365LDC-ABE-000-RE.pdf |
|                                         |  2.MLX90365LDC-ABE-000-RE.pdf |
| VOLTAGE - SUPPLY                        | 4.5 V ~ 5.5 V                                                                                                    |
| TERMINATION STYLE                       | SMD (SMT) Tab                                                                                                    |
| TECHNOLOGY                              | Hall Effect                                                                                                      |
| SUPPLIER DEVICE PACKAGE                 | 8-SOIC                                                                                                           |
| SERIES                                  | Automotive, AEC-Q100, Triaxis®                                                                                   |
| ROTATION ANGLE - ELECTRICAL, MECHANICAL | 0° ~ 360°, Continuous                                                                                            |
| RESISTANCE TOLERANCE                    | -                                                                                                                |
| PACKAGING                               | Tape & Reel (TR)                                                                                                 |
| PACKAGE / CASE                          | 8-SOIC (0.154", 3.90mm Width)                                                                                    |
| OUTPUT SIGNAL                           | -                                                                                                                |
| OUTPUT                                  | Analog Voltage, PWM                                                                                              |
| OPERATING TEMPERATURE                   | -40°C ~ 150°C (TA)                                                                                               |
| MOUNTING TYPE                           | Surface Mount                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL)        | 3 (168 Hours)                                                                                                    |
| LINEARITY                               | ±2.5°                                                                                                            |
| LINEAR RANGE                            | -                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS          | Lead free / RoHS Compliant                                                                                       |
| FOR MEASURING                           | Linear, Rotary Position                                                                                          |
| DETAILED DESCRIPTION                    | Hall Effect Sensor Linear, Rotary Position External Magnet, Not Included SMD (SMT) Tab                           |
| ACTUATOR TYPE                           | External Magnet, Not Included                                                                                    |

### Related Tags

|                                      |                                                        |                                                |
|--------------------------------------|--------------------------------------------------------|------------------------------------------------|
| Melexis MLX90365LDC-ABE-000-RE       | MLX90365LDC-ABE-000-RE Distributor                     | MLX90365LDC-ABE-000-RE Supplier                |
| MLX90365LDC-ABE-000-RE Price         | MLX90365LDC-ABE-000-RE Pictures                        | MLX90365LDC-ABE-000-RE Image                   |
| MLX90365LDC-ABE-000-RE PDF Datasheet | MLX90365LDC-ABE-000-RE Download Datasheet              | MLX90365LDC-ABE-000-RE Datasheet               |
| MLX90365LDC-ABE-000-RE Stock         | Buy MLX90365LDC-ABE-000-RE                             | Buy Melexis MLX90365LDC-ABE-000-RE             |
| Melexis MLX90365LDC-ABE-000-RE       | Melexis Supplier                                       | Melexis Distributor                            |
| Melexis MLX90365LDC-ABE-000-RE       | Melexis Microelectronic Systems MLX90365LDC-ABE-000-RE | Melexis Technologies NV MLX90365LDC-ABE-000-RE |

### Related Products

|                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MLX90365LDC-ABD-000-SP</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 18482 pcs<br/>RFQ</div> |  <div><b>MLX90365LDC-ABD-000-RE</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 34011 pcs<br/>RFQ</div> |
|  <div><b>MLX90365LDC-ABD-200-SP</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 16382 pcs<br/>RFQ</div> |  <div><b>MLX90365LGO-ABB-000-RE</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 14230 pcs<br/>RFQ</div> |
|  <div><b>MLX90365LDC-ABD-200-TU</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 40920 pcs<br/>RFQ</div> |  <div><b>MLX90365LDC-ABE-000-SP</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 19333 pcs<br/>RFQ</div> |
|  <div><b>MLX90365LDC-ABD-000-TU</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 17910 pcs<br/>RFQ</div> |  <div><b>MLX90365LDC-ABE-000-TU</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 15359 pcs<br/>RFQ</div> |
|  <div><b>MLX90365LGO-ABB-000-TU</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 15024 pcs<br/>RFQ</div> |  <div><b>MLX90365LDC-ABD-200-RE</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 39304 pcs<br/>RFQ</div> |
|  <div><b>MLX90365LGO-ABD-000-RE</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 13174 pcs<br/>RFQ</div> |  <div><b>MLX90365LGO-ABB-000-SP</b><br/>Manufacturers: Melexis<br/>Description: SENSOR ROTARY 360DEG SMD<br/>In stock: 8700 pcs<br/>RFQ</div>  |