

# MLX90365LDC-ABD-200-RE

## MLX90365LDC-ABD-200-RE Information



For Reference Only

Part NumberMLX90365LDC-ABD-200-REManufacturerMelexis Technologies NVCategorySensors, Transducers

Position Sensors - Angle, Linear Position Measuring

**Description** IC MONOLITHIC SENSOR POS 8SOIC

Package -

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# MLX90365LDC-ABD-200-RE Specifications

| Manufacturer Part Number       MLX90365LDC-ABD-200-RE         Manufacturer       Melexis Technologies NV         Category       Sensors, Transducers         Package       -         Series       Automotive, AEC-Q100, Triaxis?         For Measuring       Linear, Rotary Position         Technology       Hall Effect         Rotation Angle - Electrical, Mechanical       0° ~ 360°, Continuous         Linear Range       -         Output       Analog Voltage, PWM         Output Signal       -         Actuator Type       External Magnet Not Included         Linearity       -         Resistance       -         Resistance Tolerance       -         Voltage - Supply       4.5 V ~ 5.5 V         Mounting Type       Surface Mount         Termination Style       SMD (SMT) Tab         Operating Temperature       -40°C ~ 150°C   |   |   |
|---|---|---|
| Category       Sensors, Transducers         Position Sensors - Angle, Linear Position Measuring         Package       -         Series       Automotive, AEC-Q100, Triaxis?         For Measuring       Linear, Rotary Position         Technology       Hall Effect         Rotation Angle - Electrical, Mechanical       0° ~ 360°, Continuous         Linear Range       -         Output       Analog Voltage, PWM         Output Signal       -         Actuator Type       External Magnet Not Included         Linearity       -         Resistance       -         Resistance Tolerance       -         Voltage - Supply       4.5 V ~ 5.5 V         Mounting Type       Surface Mount         Termination Style       SMD (SMT) Tab         Operating Temperature       -40°C ~ 150°C  | Manufacturer Part Number                | MLX90365LDC-ABD-200-RE                              |
| Position Sensors - Angle, Linear Position MeasuringPackage-SeriesAutomotive, AEC-Q100, Triaxis?For MeasuringLinear, Rotary PositionTechnologyHall EffectRotation Angle - Electrical, Mechanical $0^{\circ} \sim 360^{\circ}$ , ContinuousLinear Range-OutputAnalog Voltage, PWMOutput Signal-Actuator TypeExternal Magnet Not IncludedLinearity-Resistance-Resistance Tolerance-Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Mounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$  | Manufacturer                            | Melexis Technologies NV                             |
| Package - Automotive, AEC-Q100, Triaxis?  For Measuring Linear, Rotary Position Technology Hall Effect Rotation Angle - Electrical, Mechanical 0° ~ 360°, Continuous Linear Range - Output Analog Voltage, PWM Output Signal - External Magnet Not Included Linearity - External Magnet Not Included Linearity - Sesistance - Resistance - Voltage - Supply 4.5 V ~ 5.5 V Mounting Type Surface Mount Termination Style SMD (SMT) Tab Operating Temperature - 40°C ~ 150°C  | Category                                | Sensors, Transducers                                |
| SeriesAutomotive, AEC-Q100, Triaxis?For MeasuringLinear, Rotary PositionTechnologyHall EffectRotation Angle - Electrical, Mechanical0° ~ 360°, ContinuousLinear Range-OutputAnalog Voltage, PWMOutput Signal-Actuator TypeExternal Magnet Not IncludedLinearity-Resistance-Resistance Tolerance-Voltage - Supply4.5 V ~ 5.5 VMounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature-40°C ~ 150°C   |   | Position Sensors - Angle, Linear Position Measuring |
| For Measuring  Technology  Hall Effect  Rotation Angle - Electrical, Mechanical  O° ~ 360°, Continuous  Linear Range  - Output  Analog Voltage, PWM  Output Signal  - Actuator Type  External Magnet Not Included  Linearity  - Resistance  Resistance  - Voltage - Supply  Mounting Type  Surface Mount  Termination Style  Operating Temperature  Linear, Rotary Position  Hall Effect  External Magnet  O° ~ 360°, Continuous  -  Linearity  - Surface Mount  Surface Mount  Surface Mount  - SMD (SMT) Tab  Operating Temperature   | Package                                 | -   |
| TechnologyHall EffectRotation Angle - Electrical, Mechanical0° ~ 360°, ContinuousLinear Range-OutputAnalog Voltage, PWMOutput Signal-Actuator TypeExternal Magnet Not IncludedLinearity-Resistance-Resistance Tolerance-Voltage - Supply4.5 V ~ 5.5 VMounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature-40°C ~ 150°C   | Series                                  | Automotive, AEC-Q100, Triaxis?                      |
| Rotation Angle - Electrical, Mechanical  Linear Range  Output  Analog Voltage, PWM  Output Signal  Actuator Type  External Magnet Not Included  Linearity  Resistance  -  Resistance  Poltage - Supply  4.5 V ~ 5.5 V  Mounting Type  Surface Mount  Termination Style  Operating Temperature  Overaling Temperature  Overaling Type  Surface Mount  -0° ~ 360°, Continuous  -0° ~ 360°, Continuous  -0° ~ 360°, Continuous  -0° ~ 360°, Continuous  -40° ~ 150° C  | For Measuring                           | Linear, Rotary Position                             |
| Linear Range  Output  Analog Voltage, PWM  Output Signal  - Actuator Type  External Magnet Not Included  Linearity  - Resistance  - Resistance  Voltage - Supply  4.5 V ~ 5.5 V  Mounting Type  Surface Mount  Termination Style  Operating Temperature  -  Analog Voltage, PWM  - Actuator Type  - Actuator | Technology                              | Hall Effect   |
| Output Signal - Actuator Type External Magnet Not Included Linearity - Resistance - Resistance Tolerance - Voltage - Supply 4.5 V ~ 5.5 V  Mounting Type Surface Mount Termination Style SMD (SMT) Tab Operating Temperature -40°C ~ 150°C  | Rotation Angle - Electrical, Mechanical | $0^{\circ} \sim 360^{\circ}$ , Continuous           |
| Output Signal - Actuator Type External Magnet Not Included  Linearity - Resistance - Resistance Tolerance - Voltage - Supply 4.5 V ~ 5.5 V  Mounting Type Surface Mount  Termination Style SMD (SMT) Tab Operating Temperature -40°C ~ 150°C  | Linear Range                            | -   |
| Actuator Type External Magnet Not Included  Linearity - Resistance - Resistance Tolerance - Voltage - Supply 4.5 V ~ 5.5 V  Mounting Type Surface Mount  Termination Style SMD (SMT) Tab  Operating Temperature -40°C ~ 150°C   | Output                                  | Analog Voltage, PWM                                 |
| Linearity-Resistance-Resistance Tolerance-Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Mounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$  | Output Signal                           | -   |
| Resistance-Resistance Tolerance-Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Mounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$  | Actuator Type                           | External Magnet Not Included                        |
| Resistance Tolerance-Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Mounting TypeSurface MountTermination StyleSMD (SMT) TabOperating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$   | Linearity                               | -   |
| Voltage - Supply $ 4.5 \text{ V} \sim 5.5 \text{ V} $ Mounting Type $ \text{Surface Mount} $ Termination Style $ \text{SMD (SMT) Tab} $ Operating Temperature $ -40^{\circ}\text{C} \sim 150^{\circ}\text{C} $  | Resistance                              | -   |
| Mounting Type  Surface Mount  Termination Style  Operating Temperature  Surface Mount  SMD (SMT) Tab  -40°C ~ 150°C   | Resistance Tolerance                    | -   |
| Termination Style SMD (SMT) Tab  Operating Temperature -40°C ~ 150°C  | Voltage - Supply                        | 4.5 V ~ 5.5 V                                       |
| Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$  | Mounting Type                           | Surface Mount                                       |
|   | Termination Style                       | SMD (SMT) Tab                                       |
| D   | Operating Temperature                   | -40°C ~ 150°C                                       |
| Report errors?  |   | Report errors?                                      |

### MLX90365LDC-ABD-200-RE Guarantees



#### **Ouality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

# MLX90365LDC-ABD-200-RE Payment Methods



















## MLX90365LDC-ABD-200-RE Shipping Methods













If you have any question about MLX90365LDC-ABD-200-RE, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com