



Melexis



### MLX91210KDF-CAS-104-RE

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | MLX91210KDF-CAS-104-RE                                                                                         |
| Manufacturer/Brand: | Melexis                                                                                                        |
| Product description | PLUG & POWER CURRENT SENSOR C                                                                                  |
| Datasheets:         |  1.MLX91210KDF-CAS-104-RE.pdf |
|                     |  2.MLX91210KDF-CAS-104-RE.pdf |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 43638 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 MLX91210KDF-CAS-104-RE

|                                  |                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MLX91210KDF-CAS-104-RE                                                                                                                                                                                                               |
| MANUFACTURER                     | Melexis                                                                                                                                                                                                                              |
| DESCRIPTION                      | PLUG & POWER CURRENT SENSOR C                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 43638 pcs                                                                                                                                                                                                                            |
| DATA SHEET                       |  1.MLX91210KDF-CAS-104-RE.pdf<br> 2.MLX91210KDF-CAS-104-RE.pdf |
| VOLTAGE - SUPPLY                 | 4.5 V ~ 5.5 V                                                                                                                                                                                                                        |
| SERIES                           | -                                                                                                                                                                                                                                    |
| SENSOR TYPE                      | Hall Effect, Open Loop                                                                                                                                                                                                               |
| SENSITIVITY                      | 31.5mV/A                                                                                                                                                                                                                             |
| RESPONSE TIME                    | 5µs                                                                                                                                                                                                                                  |
| POLARIZATION                     | Bidirectional                                                                                                                                                                                                                        |
| PACKAGE / CASE                   | 16-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                       |
| OUTPUT                           | Ratiometric, Voltage                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                                                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                        |
| LINEARITY                        | ±0.5%                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| FREQUENCY                        | DC ~ 100kHz                                                                                                                                                                                                                          |
| FOR MEASURING                    | AC/DC                                                                                                                                                                                                                                |
| DETAILED DESCRIPTION             | PLUG & POWER CURRENT SENSOR C                                                                                                                                                                                                        |
| CURRENT - SUPPLY (MAX)           | 14mA                                                                                                                                                                                                                                 |
| CURRENT - SENSING                | -                                                                                                                                                                                                                                    |
| ACCURACY                         | -                                                                                                                                                                                                                                    |

#### Related Tags

|                                      |                                                        |                                                |
|--------------------------------------|--------------------------------------------------------|------------------------------------------------|
| Melexis MLX91210KDF-CAS-104-RE       | MLX91210KDF-CAS-104-RE Distributor                     | MLX91210KDF-CAS-104-RE Supplier                |
| MLX91210KDF-CAS-104-RE Price         | MLX91210KDF-CAS-104-RE Pictures                        | MLX91210KDF-CAS-104-RE Image                   |
| MLX91210KDF-CAS-104-RE PDF Datasheet | MLX91210KDF-CAS-104-RE Download Datasheet              | MLX91210KDF-CAS-104-RE Datasheet               |
| MLX91210KDF-CAS-104-RE Stock         | Buy MLX91210KDF-CAS-104-RE                             | Buy Melexis MLX91210KDF-CAS-104-RE             |
| Melexis MLX91210KDF-CAS-104-RE       | Melexis Supplier                                       | Melexis Distributor                            |
| Melexis MLX91210KDF-CAS-104-RE       | Melexis Microelectronic Systems MLX91210KDF-CAS-104-RE | Melexis Technologies NV MLX91210KDF-CAS-104-RE |

#### Related Products

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|  <div><b>MLX92211LSE-AAA-000-SP</b><br/>Manufacturers: Melexis<br/>Description: MAGNETIC SWITCH LATCH TSOT23-3<br/>In stock: 85130 pcs<br/><div>RFQ</div></div>       |  <div><b>MLX91210KDF-CAS-103-SP</b><br/>Manufacturers: Melexis<br/>Description: PLUG &amp; POWER CURRENT SENSOR IC<br/>In stock: 25229 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MLX91802KXZ-DBU-000-RE</b><br/>Manufacturers: Melexis<br/>Description: IC MICROCONTROL W/PRESSURE SENSE<br/>In stock: 13131 pcs<br/><div>RFQ</div></div>     |  <div><b>MLX91210KDF-CAS-102-RE</b><br/>Manufacturers: Melexis<br/>Description: PLUG &amp; POWER CURRENT SENSOR IC I<br/>In stock: 46684 pcs<br/><div>RFQ</div></div> |
|  <div><b>MLX91802KXZ-DBU-000-SP</b><br/>Manufacturers: Melexis<br/>Description: IC MICROCONTROL W/PRESSURE SENSE<br/>In stock: 8570 pcs<br/><div>RFQ</div></div>      |  <div><b>MLX92211LSE-AAA-000-RE</b><br/>Manufacturers: Melexis<br/>Description: MAGNETIC SWITCH LATCH TSOT23-3<br/>In stock: 71289 pcs<br/><div>RFQ</div></div>       |
|  <div><b>MLX92211LSE-ACA-000-RE</b><br/>Manufacturers: Melexis<br/>Description: MAGNETIC SWITCH LATCH TSOT23-3<br/>In stock: 193187 pcs<br/><div>RFQ</div></div>      |  <div><b>MLX91210KDF-CAS-101-SP</b><br/>Manufacturers: Melexis<br/>Description: PLUG &amp; POWER CURRENT SENSOR IC I<br/>In stock: 20784 pcs<br/><div>RFQ</div></div> |
|  <div><b>MLX91210KDF-CAS-104-SP</b><br/>Manufacturers: Melexis<br/>Description: PLUG &amp; POWER CURRENT SENSOR IC<br/>In stock: 23065 pcs<br/><div>RFQ</div></div>   |  <div><b>MLX91210KDF-CAS-103-RE</b><br/>Manufacturers: Melexis<br/>Description: PLUG &amp; POWER CURRENT SENSOR C<br/>In stock: 42522 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MLX91210KDF-CAS-102-SP</b><br/>Manufacturers: Melexis<br/>Description: PLUG &amp; POWER CURRENT SENSOR IC I<br/>In stock: 23317 pcs<br/><div>RFQ</div></div> |  <div><b>MLX91210KDF-CAS-101-RE</b><br/>Manufacturers: Melexis<br/>Description: PLUG &amp; POWER CURRENT SENSOR IC I<br/>In stock: 49796 pcs<br/><div>RFQ</div></div> |