

S25FL132K0XMF1010



**Part Number:** [S25FL132K0XMF1010](#)

**Manufacturer:** [Cypress Semiconductor](#)

**Description:** IC FLASH 32M SPI 108MHZ 8SO

**Data sheet:**  [S25FL116K,132K,164K](#)

**RoHs Status:** Lead free / RoHS Compliant

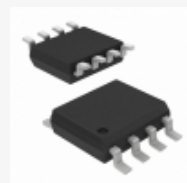
**Ship From:** Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                  |                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                | S25FL132K0XMF1010                         | Manufacturer                     | <a href="#">Cypress Semiconductor</a>                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC FLASH 32M SPI 108MHZ 8SO               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 102784 pcs                                | Data sheet                       | <a href="#">S25FL116K,132K,164K</a>                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Write Cycle Time - Word, Page    | 3ms                                                              |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.7 V ~ 3.6 V                             | Technology                       | FLASH - NOR                                                      |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8-SOIC                                    | Series                           | FL1-K                                                            |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tray                                      | Package / Case                   | 8-SOIC (0.209", 5.30mm Width)                                    |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 428-3759<br>S25FL132K0XMF1010-ND          | Operating Temperature            | -40°C ~ 85°C (TA)                                                |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                    |
| Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Non-Volatile                              | Memory Size                      | 32Mb (4M x 8)                                                    |
| Memory Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SPI - Quad I/O                            | Memory Format                    | FLASH                                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                | Detailed Description             | FLASH - NOR Memory IC 32Mb (4M x 8) SPI - Quad I/O 108MHz 8-SOIC |
| Clock Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 108MHz                                    |                                  |                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                      |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------|---------------------|
|  | Part#: <a href="#">S25FL132K0XMFIS11</a><br>Description: IC FLASH 32M SPI 108MHZ 8SOIC  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMF1040</a><br>Description: IC FLASH 32M SPI 108MHZ 8SO    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMF1043</a><br>Description: IC FLASH 32M SPI 108MHZ 8SO    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMF1013</a><br>Description: IC FLASH 32M SPI 108MHZ 8SO    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMF1041</a><br>Description: IC FLASH 32M SPI 108MHZ 8SO    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMF1043</a><br>Description: IC FLASH 32M SPI 108MHZ 8SO    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMF1040</a><br>Description: IC FLASH 32M SPI 108MHZ 8SO    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMF1010</a><br>Description: IC FLASH 32M SPI 108MHZ 8SO    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMF1010</a><br>Description: IC FLASH 32M SPI 108MHZ 8SO    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMF1011</a><br>Description: IC FLASH 32M SPI 108MHZ 8SO    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMF1013</a><br>Description: IC FLASH 32M SPI 108MHZ 8SO    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XBHVS23</a><br>Description: IC FLASH NOR 24FBGA            | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMF1013</a><br>Description: IC FLASH 32M SPI 108MHZ 8SO    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XBHVS20</a><br>Description: IC FLASH 32M SPI 108MHZ 24FBGA | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMF1013</a><br>Description: IC FLASH 32MBIT 108MHZ 8SOIC   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMF1011</a><br>Description: IC FLASH 32M SPI 108MHZ 8SO    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMF1011</a><br>Description: IC FLASH 32M SPI 108MHZ 8SO    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMFIS10</a><br>Description: IC FLASH 32M SPI 108MHZ 8SOIC  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMF1010</a><br>Description: IC FLASH 32M SPI 108MHZ 8SO    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL132K0XMF1041</a><br>Description: IC FLASH 32M SPI 108MHZ 8SO    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |

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|-----------------------------------------------|----------------------------------------------|----------------------------|-------------------------|
| Related keywords for <b>S25FL132K0XMF1010</b> |                                              |                            |                         |
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