

S25FL512SDSMFBG10



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**Part Number:** [S25FL512SDSMFBG10](#)

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

**Description:** IC FLASH 512M SPI 80MHZ 16SOIC

**Data sheet:**

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

**Ship From:** Hong Kong

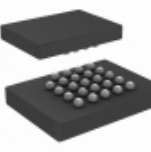
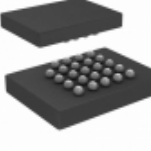
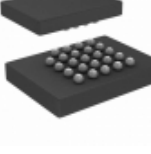
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                |                                                                    |                                |                                       |
|----------------------------------|--------------------------------------------------------------------|--------------------------------|---------------------------------------|
| Part Number                      | S25FL512SDSMFBG10                                                  | Manufacturer                   | <a href="#">Cypress Semiconductor</a> |
| Description                      | IC FLASH 512M SPI 80MHZ 16SOIC                                     | Lead Free Status / RoHS Status | Lead free / RoHS Compliant            |
| Quantity Available               | 13896 pcs                                                          | Data sheet                     |                                       |
| Category                         | <a href="#">Integrated Circuits (ICs)</a>                          | Write Cycle Time - Word, Page  | -                                     |
| Voltage - Supply                 | 2.7 V ~ 3.6 V                                                      | Technology                     | FLASH - NOR                           |
| Supplier Device Package          | 16-SOIC                                                            | Series                         | Automotive, AEC-Q100, FL-S            |
| Packaging                        | Tray                                                               | Package / Case                 | 16-SOIC (0.295", 7.50mm Width)        |
| Operating Temperature            | -40°C ~ 105°C (TA)                                                 | Mounting Type                  | Surface Mount                         |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                      | Memory Type                    | Non-Volatile                          |
| Memory Size                      | 512Mb (64M 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 512Mb (64M x 8) SPI - Quad I/O 80MHz 16-SOIC | Clock Frequency                | 80MHz                                 |

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|  | Part#: <a href="#">S25FL512SDSBHI213</a><br>Description: IC FLASH 512M SPI 80MHZ 24BGA  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL512SDSMFM010</a><br>Description: IC NOR                         | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL512SDPMFVG11</a><br>Description: IC FLASH 512M SPI 66MHZ 16SOIC | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL512SDPMFVG13</a><br>Description: IC FLASH 512M SPI 66MHZ 16SOIC | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S25FL512SDPMFVG10</a><br>Description: IC FLASH 512M SPI 66MHZ 16SOIC | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">S25FL512SDSMFB010</a><br>Description: IC FLASH 512M SPI 80MHZ 16SOIC | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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