

CY14MB064Q2B-SXIT





**Part Number:** [CY14MB064Q2B-SXIT](#)

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

**Description:** IC NVSRAM 64K SPI 40MHZ 8SOIC

**Data sheet:**  [CY14M\(B,E\)064Q1B/2B](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                               | CY14MB064Q2B-SXIT                         | Manufacturer                    | <a href="#">Cypress Semiconductor</a>                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC NVSRAM 64K SPI 40MHZ 8SOIC             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 28721 pcs                                 | Data sheet                      | <a href="#">CY14M(B,E)064Q1B/2B</a>                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Write Cycle Time - Word, Page   | -                                                                   |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2.7 V ~ 3.6 V                             | Technology                      | NVSRAM (Non-Volatile SRAM)                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8-SOIC                                    | Series                          | -                                                                   |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tape & Reel (TR)                          | Package / Case                  | 8-SOIC (0.154", 3.90mm Width)                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -40°C ~ 85°C (TA)                         | Mounting Type                   | Surface Mount                                                       |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3 (168 Hours)                             | Memory Type                     | Non-Volatile                                                        |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 64Kb (8K x 8)                             | Memory Interface                | SPI                                                                 |
| Memory Format                                                                                                                                                                                                                                                                                                                                                                                                                                                             | NVSRAM                                    | Manufacturer Standard Lead Time | 12 Weeks                                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                | Detailed Description            | NVSRAM (Non-Volatile SRAM) Memory IC 64Kb (8K x 8) SPI 40MHz 8-SOIC |
| Clock Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 40MHz                                     | Base Part Number                | CY14MB064                                                           |
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