

CY14B256L-SZ45XCT



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**Part Number:** [CY14B256L-SZ45XCT](#)

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

**Description:** IC NVSRAM 256K PARALLEL 32SOIC

**Data sheet:**  [CY14B256L](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CY14B256L-SZ45XCT                                                          | Manufacturer                   | <a href="#">Cypress Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC NVSRAM 256K PARALLEL 32SOIC                                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4382 pcs                                                                   | Data sheet                     | <a href="#">CY14B256L</a>             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                  | Write Cycle Time - Word, Page  | 45ns                                  |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.7 V ~ 3.6 V                                                              | Technology                     | NVSRAM (Non-Volatile SRAM)            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 32-SOIC                                                                    | Series                         | -                                     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Tape & Reel (TR)                                                           | Package / Case                 | 32-SOIC (0.295", 7.50mm Width)        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0°C ~ 70°C (TA)                                                            | Mounting Type                  | Surface Mount                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 (168 Hours)                                                              | Memory Type                    | Non-Volatile                          |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 256Kb (32K x 8)                                                            | Memory Interface               | Parallel                              |
| Memory Format                                                                                                                                                                                                                                                                                                                                                                                                                                                            | NVSRAM                                                                     | Lead Free Status / RoHS Status | Lead free / RoHS Compliant            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                     | NVSRAM (Non-Volatile SRAM) Memory IC 256Kb (32K x 8) Parallel 45ns 32-SOIC | Base Part Number               | CY14*256                              |
| Access Time                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 45ns                                                                       |                                |                                       |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                      |                     |
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|  | Part#: <a href="#">CY14B256L-SP45XCT</a><br>Description: IC NVSRAM 256K PARALLEL 48SSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <a href="#">RFQ</a> |
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