



Image may be representation.  
See specifications for product details.

### CY14B116L-Z45XIT

Part Number: **CY14B116L-Z45XIT**  
 Product Description: IC NVSRAM 16M PARALLEL 48TSOP I  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [CY14B116L-Z45XIT.pdf](#)

Manufacturer/Brand: Cypress Semiconductor  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

|                                       |                                      |   |  |
|---------------------------------------|--------------------------------------|---|--|
| <b>Part Number</b>                    | CY14B116L-Z45XIT                     | <b>Manufacturer</b>                     | Cypress Semiconductor  |
| <b>Description</b>                    | IC NVSRAM 16M PARALLEL 48TSOP I      | <b>Lead Free Status / RoHS Status</b>   | Lead free / RoHS Compliant   |
| <b>Data sheet</b>                     | <a href="#">CY14B116L-Z45XIT.pdf</a> |   |  |
| <b>Write Cycle Time - Word, Page</b>  | 45ns                                 | <b>Voltage - Supply</b>                 | 2.7 V ~ 3.6 V  |
| <b>Technology</b>                     | NVSRAM (Non-Volatile SRAM)           | <b>Supplier Device Package</b>          | 48-TSOP I  |
| <b>Series</b>                         | -                                    | <b>Packaging</b>                        | Tape & Reel (TR)   |
| <b>Package / Case</b>                 | 48-TFSOP (0.724", 18.40mm Width)     | <b>Operating Temperature</b>            | -40°C ~ 85°C (TA)  |
| <b>Mounting Type</b>                  | Surface Mount                        | <b>Moisture Sensitivity Level (MSL)</b> | 3 (168 Hours)  |
| <b>Memory Type</b>                    | Non-Volatile                         | <b>Memory Size</b>                      | 16Mb (2M x 8)  |
| <b>Memory Interface</b>               | Parallel                             | <b>Memory Format</b>                    | NVSRAM   |
| <b>Lead Free Status / RoHS Status</b> | Lead free / RoHS Compliant           | <b>Detailed Description</b>             | NVSRAM (Non-Volatile SRAM) Memory IC 16Mb (2M x 8) Parallel 45ns 48-TSOP I |
| <b>Access Time</b>                    | 45ns                                 |   |  |

#### Related Products

|   |                     |  |                     |
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| <br><b>CY14B116K-ZS25XI</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC NVSRAM 16M PARALLEL 44TSOP<br>Download: <a href="#">CY14B116K-ZS25XI.pdf</a>     | <a href="#">RFQ</a> | <br><b>CY14B108N-ZSP45XI</b><br>Manufacturers: Cypress Semiconductor<br>Description: IC NVSRAM 8M PARALLEL 54TSOP<br>Download: <a href="#">CY14B108N-ZSP45XI.pdf</a>   | <a href="#">RFQ</a> |

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