

CY7C016A-15AXC



**Part Number:** [CY7C016A-15AXC](#)

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

**Description:** IC SRAM 144K PARALLEL 80TQFP

**Data sheet:**  [CY7C006,7,16,17A](#)

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

**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                        |                                |                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CY7C016A-15AXC                                                                         | Manufacturer                   | <a href="#">Cypress Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC SRAM 144K PARALLEL 80TQFP                                                           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5162 pcs                                                                               | Data sheet                     | <a href="#">CY7C006,7,16,17A</a>      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                                              | Write Cycle Time - Word, Page  | 15ns                                  |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4.5 V ~ 5.5 V                                                                          | Technology                     | SRAM - Dual Port, Asynchronous        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                               | 80-TQFP (14x14)                                                                        | Series                         | -                                     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tray                                                                                   | Package / Case                 | 80-LQFP                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0°C ~ 70°C (TA)                                                                        | Mounting Type                  | Surface Mount                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3 (168 Hours)                                                                          | Memory Type                    | Volatile                              |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 144Kb (16K x 9)                                                                        | Memory Interface               | Parallel                              |
| Memory Format                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SRAM                                                                                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | SRAM - Dual Port, Asynchronous Memory IC 144Kb (16K x 9) Parallel 15ns 80-TQFP (14x14) | Base Part Number               | CY7C016                               |
| Access Time                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15ns                                                                                   |                                |                                       |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                      |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------|----------------|
|  | Part#: <a href="#">CY7C009-15AXC</a><br>Description: IC SRAM 1M PARALLEL 100TQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C024-15AXCT</a><br>Description: IC SRAM 64K PARALLEL 100TQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C019V-15AXC</a><br>Description: IC SRAM 1.152M PARALLEL 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C009V-20AXI</a><br>Description: IC SRAM 1M PARALLEL 100TQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C009V-15AXC</a><br>Description: IC SRAM 1M PARALLEL 100TQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C019V-25AXC</a><br>Description: IC SRAM 1.152M PARALLEL 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C009-15AC</a><br>Description: IC SRAM 1M PARALLEL 100TQFP       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C019V-20AXC</a><br>Description: IC SRAM 1.152M PARALLEL 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C016A-15AC</a><br>Description: IC SRAM 144K PARALLEL 80TQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C019V-20AXI</a><br>Description: IC SRAM 1.152M PARALLEL 100TQFP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C009V-25AXC</a><br>Description: IC SRAM 1M PARALLEL 100TQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C008V-25AXC</a><br>Description: IC SRAM 512K PARALLEL 100TQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C024-15AC</a><br>Description: IC SRAM 64K PARALLEL 100TQFP      | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C007A-20JC</a><br>Description: IC SRAM 256K PARALLEL 68PLCC     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C007A-20JXC</a><br>Description: IC SRAM 256K PARALLEL 68PLCC    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C024-15AXC</a><br>Description: IC SRAM 64K PARALLEL 100TQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C008-15AXC</a><br>Description: IC SRAM 512K PARALLEL 100TQFP    | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C018-15AC</a><br>Description: IC SRAM 576K PARALLEL 100TQFP     | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C019V-15AC</a><br>Description: IC SRAM 1.152M PARALLEL 100TQFP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CY7C019-15AC</a><br>Description: IC SRAM 1.152M PARALLEL 100TQFP   | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

| Related keywords for CY7C016A-15AXC  |                                           |                         |                      |
|--------------------------------------|-------------------------------------------|-------------------------|----------------------|
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