

IDT71V424S10Y8



**IDT**  
Integrated Device Technology

**Part Number:** [IDT71V424S10Y8](#)

**Manufacturer:** [IDT \(Integrated Device Technology\)](#)

**Description:** IC SRAM 4M PARALLEL 36SOJ

**Data sheet:**  [IDT Suffixes](#)  
 [IDT71V424S/YS/L/YL](#)

**RoHs Status:** Contains lead / RoHS non-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                    | IDT71V424S10Y8                            | Manufacturer                     | <a href="#">IDT (Integrated Device Technology)</a>                 |
| Description                    | IC SRAM 4M PARALLEL 36SOJ                 | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                 |
| Quantity Available             | 4919 pcs                                  | Data sheet                       | <a href="#">IDT Suffixes</a><br><a href="#">IDT71V424S/YS/L/YL</a> |
| Category                       | <a href="#">Integrated Circuits (ICs)</a> | Write Cycle Time - Word, Page    | 10ns                                                               |
| Voltage - Supply               | 3 V ~ 3.6 V                               | Technology                       | SRAM - Asynchronous                                                |
| Supplier Device Package        | 36-SOJ                                    | Series                           | -                                                                  |
| Packaging                      | Tape & Reel (TR)                          | Package / Case                   | 36-BSOJ (0.400", 10.16mm Width)                                    |
| Other Names                    | 71V424S10Y8                               | Operating Temperature            | 0°C ~ 70°C (TA)                                                    |
| Mounting Type                  | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                      |
| Memory Type                    | Volatile                                  | Memory Size                      | 4Mb (512K x 8)                                                     |
| Memory Interface               | Parallel                                  | Memory Format                    | SRAM                                                               |
| Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant        | Detailed Description             | SRAM - Asynchronous Memory IC 4Mb (512K x 8) Parallel 10ns 36-SOJ  |
| Base Part Number               | IDT71V424                                 | Access Time                      | 10ns                                                               |

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|  | Part#: <a href="#">IDT71V424S12PHI8</a><br>Description: IC SRAM 4M PARALLEL 44TSOP II | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IDT71V424S10Y1</a><br>Description: IC SRAM 4M PARALLEL 36SOJ       | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
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