

IDT71V416L12PH8



**IDT**  
Integrated Device Technology

**Part Number:** [IDT71V416L12PH8](#)

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

**Description:** IC SRAM 4M PARALLEL 44TSOP II

**Data sheet:**  [IDT71V416S/L](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IDT71V416L12PH8                           | Manufacturer                     | <a href="#">IDT (Integrated Device Technology)</a>                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC SRAM 4M PARALLEL 44TSOP II             | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5762 pcs                                  | Data sheet                       | <a href="#">IDT71V416S/L</a>                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Write Cycle Time - Word, Page    | 12ns                                                                   |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 V ~ 3.6 V                               | Technology                       | SRAM - Asynchronous                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 44-TSOP II                                | Series                           | -                                                                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Tape & Reel (TR)                          | Package / Case                   | 44-TSOP (0.400", 10.16mm Width)                                        |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 71V416L12PH8                              | Operating Temperature            | 0°C ~ 70°C (TA)                                                        |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                          |
| Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Volatile                                  | Memory Size                      | 4Mb (256K x 16)                                                        |
| Memory Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Parallel                                  | Memory Format                    | SRAM                                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Contains lead / RoHS non-compliant        | Detailed Description             | SRAM - Asynchronous Memory IC 4Mb (256K x 16) Parallel 12ns 44-TSOP II |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IDT71V416                                 | Access Time                      | 12ns                                                                   |
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|  | Part#: <a href="#">IDT71V416L12Y</a><br>Description: IC SRAM 4M PARALLEL 44SOJ        | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IDT71V416L15PH8</a><br>Description: IC SRAM 4M PARALLEL 44TSOP II  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IDT71V416L15PH</a><br>Description: IC SRAM 4M PARALLEL 44TSOP II   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IDT71V416L12YI</a><br>Description: IC SRAM 4M PARALLEL 44SOJ       | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IDT71V416L10BEGi8</a><br>Description: IC SRAM 4M PARALLEL 48CABGA  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
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