

7008L55PF



**Integrated Device Technology**

**Part Number:** 7008L55PF

**Manufacturer:** IDT (Integrated Device Technology)

**Description:** IC SRAM 512K PARALLEL 100TQFP

**Data sheet:**  [IDT7008S/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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7008L55PF                                 | Manufacturer                     | <a href="#">IDT (Integrated Device Technology)</a>                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC SRAM 512K PARALLEL 100TQFP             | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4435 pcs                                  | Data sheet                       | <a href="#">IDT7008S/L</a>                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Write Cycle Time - Word, Page    | 55ns                                                                                    |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4.5 V ~ 5.5 V                             | Technology                       | SRAM - Dual Port, Asynchronous                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 100-TQFP (14x14)                          | Series                           | -                                                                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tray                                      | Package / Case                   | 100-LQFP                                                                                |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IDT7008L55PF<br>IDT7008L55PF-ND           | Operating Temperature            | 0°C ~ 70°C (TA)                                                                         |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                           |
| Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Volatile                                  | Memory Size                      | 512Kb (64K x 8)                                                                         |
| Memory Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Parallel                                  | Memory Format                    | SRAM                                                                                    |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Contains lead / RoHS non-compliant        | Detailed Description             | SRAM - Dual Port, Asynchronous Memory IC 512Kb (64K x 8) Parallel 55ns 100-TQFP (14x14) |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IDT7008                                   | Access Time                      | 55ns                                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                  |                                                                   |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">7008S15PF</a><br>Description: IC SRAM 512K PARALLEL 100TQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7008L35J8</a><br>Description: IC SRAM 512K PARALLEL 84PLCC    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7008S15J</a><br>Description: IC SRAM 512K PARALLEL 84PLCC     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7008S20PF</a><br>Description: IC SRAM 512K PARALLEL 100TQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7008L25PFI</a><br>Description: IC SRAM 512K PARALLEL 100TQFP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7008L55PF8</a><br>Description: IC SRAM 512K PARALLEL 100TQFP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7008L55PFI</a><br>Description: IC SRAM 512K PARALLEL 100TQFP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7008L55G</a><br>Description: IC SRAM 512K PARALLEL 84PGA      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7008S15J8</a><br>Description: IC SRAM 512K PARALLEL 84PLCC    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7008L25PFI8</a><br>Description: IC SRAM 512K PARALLEL 100TQFP | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">7008S15PF8</a><br>Description: IC SRAM 512K PARALLEL 100TQFP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |

| Related keywords for 7008L55PF               |                       |                                              |                                                 |
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