

7009L20PFGI



**IDT**  
Integrated Device Technology

**Part Number:** 7009L20PFGI

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

**Description:** IC SRAM 1M PARALLEL 100TQFP

**Data sheet:**  [IDT7009L](#)

**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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                        |                                  |                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7009L20PFGI                                                                            | Manufacturer                     | <a href="#">IDT (Integrated Device Technology)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IC SRAM 1M PARALLEL 100TQFP                                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1409 pcs                                                                               | Data sheet                       | <a href="#">IDT7009L</a>                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a>                                              | Write Cycle Time - Word, Page    | 20ns                                               |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | IDT7009L20PFGI<br>IDT7009L20PFGI-ND                                                    | Operating Temperature            | -40°C ~ 85°C (TA)                                  |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Surface Mount                                                                          | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                      |
| Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Volatile                                                                               | Memory Size                      | 1Mb (128K x 8)                                     |
| Memory Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Parallel                                                                               | Memory Format                    | SRAM                                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10 Weeks                                                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                         |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SRAM - Dual Port, Asynchronous Memory IC 1Mb (128K x 8) Parallel 20ns 100-TQFP (14x14) | Base Part Number                 | IDT7009                                            |
| Access Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20ns                                                                                   |                                  |                                                    |
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|  | Part#: <a href="#">7009L20PFI8</a><br>Description: IC SRAM 1M PARALLEL 100TQFP        | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <div>RFQ</div> |
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