

7037L20PF8





Integrated Device Technology

**Part Number:** 7037L20PF8

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

**Description:** IC SRAM 576K PARALLEL 100TQFP

**Data sheet:**  [IDT7037L](#)

**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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7037L20PF8                                | Manufacturer                     | <a href="#">IDT (Integrated Device Technology)</a>                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC SRAM 576K PARALLEL 100TQFP             | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5618 pcs                                  | Data sheet                       | <a href="#">IDT7037L</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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tape & Reel (TR)                          | Package / Case                   | 100-LQFP                                                                                 |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IDT7037L20PF8<br>IDT7037L20PF8-ND         | Operating Temperature            | 0°C ~ 70°C (TA)                                                                          |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                            |
| Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Volatile                                  | Memory Size                      | 576Kb (32K x 18)                                                                         |
| Memory Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Parallel                                  | Memory Format                    | SRAM                                                                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Contains lead / RoHS non-compliant        | Detailed Description             | SRAM - Dual Port, Asynchronous Memory IC 576Kb (32K x 18) Parallel 20ns 100-TQFP (14x14) |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IDT7037                                   | Access Time                      | 20ns                                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                              |                                                                    |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">7037L20PFI</a><br>Description: IC SRAM 576K PARALLEL 100TQFP              | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70385 LGT GOLD METAL 1/4"X40'</a><br>Description: SCOTCHCAL STRIPING TAPE | Manufacturers: <a href="#">3M</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7038L15PF8</a><br>Description: IC SRAM 1.125M PARALLEL 100TQFP            | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7036YAB+U622</a><br>Description: SWITCH ROCKER SPDT 6A 125V               | Manufacturers: <a href="#">APEM Inc.</a>                           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7038BG</a><br>Description: BOARD LEVEL HEAT SINK                          | Manufacturers: <a href="#">Aavid Thermalloy</a>                    | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70376 TOMATO RED 1/4"X40'</a><br>Description: SCOTCHCAL STRIPING TAPE     | Manufacturers: <a href="#">3M</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7036WWCDBX653+U622</a><br>Description: SWITCH ROCKER SPDT 0.4VA 20V       | Manufacturers: <a href="#">APEM Inc.</a>                           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70383 MED SLVR METAL 1/4"X40'</a><br>Description: SCOTCHCAL STRIPING TAPE | Manufacturers: <a href="#">3M</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7037</a><br>Description: LED HOLDER T1 3MM NYLON NATURAL                  | Manufacturers: <a href="#">Keystone Electronics Corp.</a>          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7038L15PF</a><br>Description: IC SRAM 1.125M PARALLEL 100TQFP             | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7037L15PF</a><br>Description: IC SRAM 576K PARALLEL 100TQFP               | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7037Y4CDB+U622</a><br>Description: SWITCH ROCKER SPDT 0.4VA 20V           | Manufacturers: <a href="#">APEM Inc.</a>                           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70368 BRT ORNG 1/4"X40'</a><br>Description: SCOTCHCAL STRIPING TAPE       | Manufacturers: <a href="#">3M</a>                                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7037L15PF8</a><br>Description: IC SRAM 576K PARALLEL 100TQFP              | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7038</a><br>Description: LAMP AVIATION T1 INCAND BAY BASE                 | Manufacturers: <a href="#">VCC (Visual Communications Company)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7036Y6AB+U622</a><br>Description: SWITCH ROCKER SPDT 6A 125V              | Manufacturers: <a href="#">APEM Inc.</a>                           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7037L20PFI8</a><br>Description: IC SRAM 576K PARALLEL 100TQFP             | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7037L20PF</a><br>Description: IC SRAM 576K PARALLEL 100TQFP               | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a>  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7036WWAB+U832</a><br>Description: SWITCH ROCKER SPDT 6A 125V              | Manufacturers: <a href="#">APEM Inc.</a>                           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">7038</a><br>Description: LED HOLDER T1 3MM NYLON NATURAL                  | Manufacturers: <a href="#">Keystone Electronics Corp.</a>          | <a href="#">RFQ</a> |

| Related keywords for 7037L20PF8               |                        |                                               |                                                  |
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