

IDT70P3537S250RM



**Part Number:** IDT70P3537S250RM

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

**Description:** IC SRAM 18M PARALLEL 576FCBGA

**Data sheet:**  IDT70P3537/3517

**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                                                                                                                                                                                                                                                                                                                                                                                                                                        | IDT70P3537S250RM                   | Manufacturer                     | IDT (Integrated Device Technology)                                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC SRAM 18M PARALLEL 576FCBGA      | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4353 pcs                           | Data sheet                       | IDT70P3537/3517                                                                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                           | Integrated Circuits (ICs)          | Write Cycle Time - Word, Page    | -                                                                                                       |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1.7 V ~ 1.9 V                      | Technology                       | SRAM - Dual Port, Synchronous QDR II                                                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                            | 576-FCBGA (25x25)                  | Series                           | -                                                                                                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tray                               | Package / Case                   | 576-BBGA, FCBGA                                                                                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                        | 70P3537S250RM                      | Operating Temperature            | 0°C ~ 70°C (TA)                                                                                         |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Mount                      | Moisture Sensitivity Level (MSL) | 4 (72 Hours)                                                                                            |
| Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                        | Volatile                           | Memory Size                      | 18Mb (512K x 36)                                                                                        |
| Memory Interface                                                                                                                                                                                                                                                                                                                                                                                                                                   | Parallel                           | Memory Format                    | SRAM                                                                                                    |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                     | Contains lead / RoHS non-compliant | Detailed Description             | SRAM - Dual Port, Synchronous QDR II Memory IC 18Mb (512K x 36) Parallel 250MHz 6.3ns 576-FCBGA (25x25) |
| Clock Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                    | 250MHz                             | Base Part Number                 | IDT70P3537                                                                                              |
| Access Time                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6.3ns                              |                                  |                                                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                        |                                                   |     |
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|  | Part#: IDT70P3519S166BFGI<br>Description: IC SRAM 9M PARALLEL 208FPBGA | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT70T3399S133DDI<br>Description: IC SRAM 2M PARALLEL 144TQFP   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT70T631S15DD<br>Description: IC SRAM 4.5M PARALLEL 144TQFP    | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT70P3517S233RM<br>Description: IC SRAM 9M PARALLEL 576FCBGA   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT70T3319S166DD<br>Description: IC SRAM 4.5M PARALLEL 144TQFP  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT70P3537S233RM<br>Description: IC SRAM 18M PARALLEL 576FCBGA  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
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|  | Part#: IDT70P3337S250RM<br>Description: IC SRAM 9M PARALLEL 576FCBGA   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT70P3337S233RM<br>Description: IC SRAM 9M PARALLEL 576FCBGA   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT70T631S10DD<br>Description: IC SRAM 4.5M PARALLEL 144TQFP    | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT70P3307S250RM<br>Description: IC SRAM 18M PARALLEL 576FCBGA  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT70T631S12DD<br>Description: IC SRAM 4.5M PARALLEL 144TQFP    | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT70P3517S250RM<br>Description: IC SRAM 9M PARALLEL 576FCBGA   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT70T3319S133DD<br>Description: IC SRAM 4.5M PARALLEL 144TQFP  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT70P3337S233RMI<br>Description: IC SRAM 9M PARALLEL 576FCBGA  | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT70P3537S233RMI<br>Description: IC SRAM 18M PARALLEL 576FCBGA | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT70T3319S133DDI<br>Description: IC SRAM 4.5M PARALLEL 144TQFP | Manufacturers: IDT (Integrated Device Technology) | RFQ |
|  | Part#: IDT70T631S12DDI<br>Description: IC SRAM 4.5M PARALLEL 144TQFP   | Manufacturers: IDT (Integrated Device Technology) | RFQ |
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Related keywords for IDT70P3537S250RM

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| IDT, Integrated Device Technology Inc | Integrated Device Technology (IDT)  |                            |                                    |
| IDT70P3537S250RM                      | IDT70P3537S250RM                    |                            |                                    |