

70V3589S133BC



**IDT**  
Integrated Device Technology

**Part Number:** 70V3589S133BC

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

**Description:** IC SRAM 2M PARALLEL 256CABGA

**Data sheet:**  [IDT70V3599,89S](#)  
 [IDT Suffixes](#)

**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

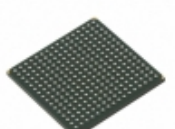
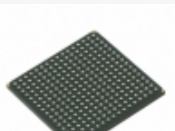
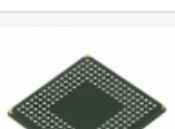
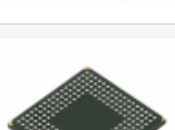
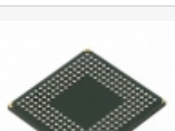
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER               |                                                                                                |                                  |                                                                |
|---------------------------------|------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------|
| Part Number                     | 70V3589S133BC                                                                                  | Manufacturer                     | <a href="#">IDT (Integrated Device Technology)</a>             |
| Description                     | IC SRAM 2M PARALLEL 256CABGA                                                                   | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                             |
| Quantity Available              | 1145 pcs                                                                                       | Data sheet                       | <a href="#">IDT70V3599,89S</a><br><a href="#">IDT Suffixes</a> |
| Category                        | <a href="#">Integrated Circuits (ICs)</a>                                                      | Write Cycle Time - Word, Page    | -                                                              |
| Voltage - Supply                | 3.15 V ~ 3.45 V                                                                                | Technology                       | SRAM - Dual Port, Synchronous                                  |
| Supplier Device Package         | 256-CABGA (17x17)                                                                              | Series                           | -                                                              |
| Packaging                       | Tray                                                                                           | Package / Case                   | 256-LBGA                                                       |
| Other Names                     | IDT70V3589S133BC<br>IDT70V3589S133BC-ND                                                        | Operating Temperature            | 0°C ~ 70°C (TA)                                                |
| Mounting Type                   | Surface Mount                                                                                  | Moisture Sensitivity Level (MSL) | 4 (72 Hours)                                                   |
| Memory Type                     | Volatile                                                                                       | Memory Size                      | 2Mb (64K x 36)                                                 |
| Memory Interface                | Parallel                                                                                       | Memory Format                    | SRAM                                                           |
| Manufacturer Standard Lead Time | 10 Weeks                                                                                       | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                             |
| Detailed Description            | SRAM - Dual Port, Synchronous Memory IC 2Mb (64K x 36) Parallel 133MHz 4.2ns 256-CABGA (17x17) | Clock Frequency                  | 133MHz                                                         |
| Base Part Number                | IDT70V3589                                                                                     | Access Time                      | 4.2ns                                                          |

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|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">70V3579S5BF18</a><br>Description: IC SRAM 1.125M PARALLEL 208CABGA | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70V3579S6BC</a><br>Description: IC SRAM 1.125M PARALLEL 256CABGA   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">70V3579S5DR</a><br>Description: IC SRAM 1.125M PARALLEL 208PQFP    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">70V3589S133DR</a><br>Description: IC SRAM 2M PARALLEL 208PQFP      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70V3579S6BF</a><br>Description: IC SRAM 1.125M PARALLEL 208CABGA   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70V3579S6BC8</a><br>Description: IC SRAM 1.125M PARALLEL 256CABGA  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70V3589S133BF</a><br>Description: IC SRAM 2M PARALLEL 208CABGA     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70V3579S6BCI</a><br>Description: IC SRAM 1.125M PARALLEL 256CABGA  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70V3589S133BF8</a><br>Description: IC SRAM 2M PARALLEL 208CABGA    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70V3589S133DRG</a><br>Description: IC SRAM 2M PARALLEL 208PQFP     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70V3579S5DRI</a><br>Description: IC SRAM 1.125M PARALLEL 208PQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70V3579S6BF8</a><br>Description: IC SRAM 1.125M PARALLEL 208CABGA  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70V3589S133BF1</a><br>Description: IC SRAM 2M PARALLEL 208CABGA    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70V3589S133DRG8</a><br>Description: IC SRAM 2M PARALLEL 208PQFP    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70V3579S6BCI8</a><br>Description: IC SRAM 1.125M PARALLEL 256CABGA | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70V3589S133BC8</a><br>Description: IC SRAM 2M PARALLEL 256CABGA    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">70V3589S133BCI</a><br>Description: IC SRAM 2M PARALLEL 256CABGA    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |

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