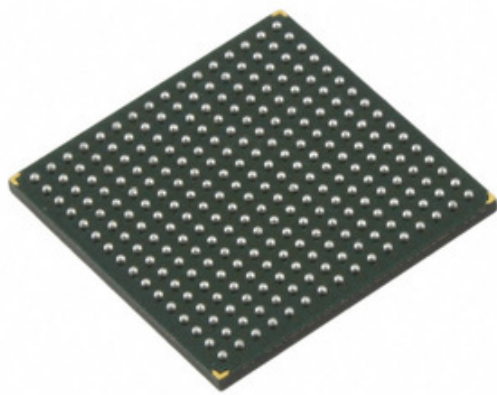




IDT (Integrated Device Technology)

Technology)



70V3589S166BC8

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | 70V3589S166BC8                                                                                                       |
| Manufacturer/Brand: | IDT (Integrated Device Technology)                                                                                   |
| Product description | IC SRAM 2M PARALLEL 256CABGA                                                                                         |
|                     |  1.70V3589S166BC8.pdf               |
|                     |  2.70V3589S166BC8.pdf               |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 1273 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

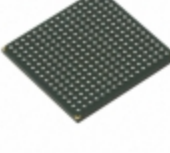
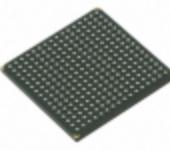
Specifications of 70V3589S166BC8

|                                  |                                                                                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | 70V3589S166BC8                                                                                                                                                                                                       |
| MANUFACTURER                     | IDT (Integrated Device Technology)                                                                                                                                                                                   |
| DESCRIPTION                      | IC SRAM 2M PARALLEL 256CABGA                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 1273 pcs                                                                                                                                                                                                             |
| DATA SHEET                       |  1.70V3589S166BC8.pdf<br> 2.70V3589S166BC8.pdf |
| 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                        | Tape & Reel (TR)                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 256-LBGA                                                                                                                                                                                                             |
| OTHER NAMES                      | IDT70V3589S166BC8<br>IDT70V3589S166BC8-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                                                                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                                                   |
| DETAILED DESCRIPTION             | SRAM - Dual Port, Synchronous Memory IC 2Mb (64K x 36) Parallel 166MHz 3.6ns 256-CABGA (17x17)                                                                                                                       |
| CLOCK FREQUENCY                  | 166MHz                                                                                                                                                                                                               |
| BASE PART NUMBER                 | IDT70V3589                                                                                                                                                                                                           |
| ACCESS TIME                      | 3.6ns                                                                                                                                                                                                                |

Related Tags

|                                                      |                                                   |                                                       |
|------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------|
| IDT (Integrated Device Technology) 70V3589S166BC8    | 70V3589S166BC8 Distributor                        | 70V3589S166BC8 Supplier                               |
| 70V3589S166BC8 Price                                 | 70V3589S166BC8 Pictures                           | 70V3589S166BC8 Image                                  |
| 70V3589S166BC8 PDF Datasheet                         | 70V3589S166BC8 Download Datasheet                 | 70V3589S166BC8 Datasheet                              |
| 70V3589S166BC8 Stock                                 | Buy 70V3589S166BC8                                | Buy IDT (Integrated Device Technology) 70V3589S166BC8 |
| IDT (Integrated Device Technology) 70V3589S166BC8    | IDT (Integrated Device Technology) Supplier       | IDT (Integrated Device Technology) Distributor        |
| IDT (Integrated Device Technology) 70V3589S166BC8    | IDT 70V3589S166BC8                                | IDT (Integrated Device Technology) 70V3589S166BC8     |
| IDT, Integrated Device Technology Inc 70V3589S166BC8 | Integrated Device Technology (IDT) 70V3589S166BC8 |                                                       |

Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>70V3589S133DRG</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SRAM 2M PARALLEL 208PQFP<br/>In stock: 926 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>70V3589S133DRI</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SRAM 2M PARALLEL 208PQFP<br/>In stock: 7030 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>70V3589S166BCG</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SRAM 2M PARALLEL 256CABGA<br/>In stock: 1037 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>70V3589S166BFG8</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SRAM 2M PARALLEL 208FPBGA<br/>In stock: 1341 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>70V3589S166DR</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SRAM 2M PARALLEL 208PQFP<br/>In stock: 3318 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>70V3589S133DRGI</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SRAM 2M PARALLEL 208PQFP<br/>In stock: 767 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>70V3589S133DRG8</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SRAM 2M PARALLEL 208PQFP<br/>In stock: 6195 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>70V3589S166BF</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SRAM 2M PARALLEL 208CABGA<br/>In stock: 1088 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>70V3589S166BFG</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SRAM 2M PARALLEL 208FPBGA<br/>In stock: 843 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>70V3589S166BF8</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SRAM 2M PARALLEL 208CABGA<br/>In stock: 1155 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>70V3589S133DRGI8</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SRAM 2M PARALLEL 208PQFP<br/>In stock: 3670 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>70V3589S166BC</b><br/>Manufacturers: IDT (Integrated Device Technology)<br/>Description: IC SRAM 2M PARALLEL 256CABGA<br/>In stock: 1083 pcs<br/><div>RFQ</div></div>   |