

71V3556SA166BQGI



**IDT**  
Integrated Device Technology

**Part Number:** 71V3556SA166BQGI

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

**Description:** IC SRAM 4.5M PARALLEL 165CABGA

**Data sheet:**  [IDT71V3556/58\(S,SA,XS,XSA\)](#)

**RoHs Status:** Lead free / RoHS Compliant

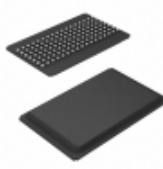
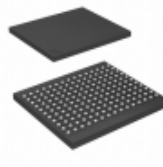
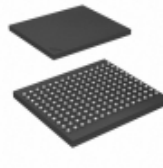
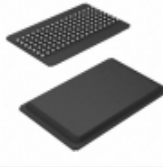
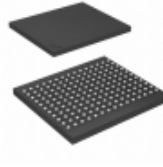
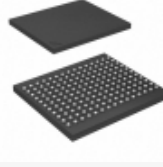
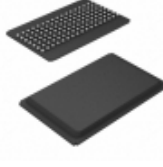
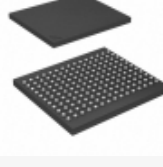
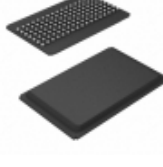
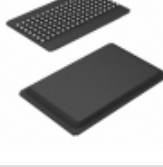
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                            |                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 71V3556SA166BQGI                                                                           | Manufacturer <a href="#">IDT (Integrated Device Technology)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC SRAM 4.5M PARALLEL 165CABGA                                                             | Lead Free Status / RoHS StatusLead free / RoHS Compliant        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 14653 pcs                                                                                  | Data sheet <a href="#">IDT71V3556/58(S,SA,XS,XSA)</a>           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>                                                  | Write Cycle Time - Word, Page-                                  |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3.135 V ~ 3.465 V                                                                          | TechnologySRAM - Synchronous ZBT                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 165-CABGA (13x15)                                                                          | Series-                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tray                                                                                       | Package / Case165-TBGA                                          |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IDT71V3556SA166BQGI<br>IDT71V3556SA166BQGI-ND                                              | Operating Temperature-40°C ~ 85°C (TA)                          |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Mount                                                                              | Moisture Sensitivity Level (MSL)3 (168 Hours)                   |
| Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Volatile                                                                                   | Memory Size4.5Mb (128K x 36)                                    |
| Memory Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Parallel                                                                                   | Memory FormatSRAM                                               |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10 Weeks                                                                                   | Lead Free Status / RoHS StatusLead free / RoHS Compliant        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SRAM - Synchronous ZBT Memory IC 4.5Mb (128K x 36) Parallel 166MHz 3.5ns 165-CABGA (13x15) | Clock Frequency166MHz                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IDT71V3556                                                                                 | Access Time3.5ns                                                |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all IDT (Integrated Device Technology) series electronic components. We have 14653 pieces of IDT (Integrated Device Technology) 71V3556SA166BQGI in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                            |                                                                 |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                                                          |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|  | Part#: <a href="#">71V3557S75BGG</a><br>Description: IC SRAM 4.5M PARALLEL 119PBGA      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a><br><a href="#">RFQ</a> |
|  | Part#: <a href="#">71V3557S75PFG8</a><br>Description: IC SRAM 4.5M PARALLEL 100TQFP     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a><br><a href="#">RFQ</a> |
|  | Part#: <a href="#">71V3557S75PFGI</a><br>Description: IC SRAM 4.5M PARALLEL 100TQFP     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a><br><a href="#">RFQ</a> |
|  | Part#: <a href="#">71V3556SA166BQG8</a><br>Description: IC SRAM 4.5M PARALLEL 165CABGA  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a><br><a href="#">RFQ</a> |
|  | Part#: <a href="#">71V3556SA166BQBG</a><br>Description: IC SRAM 4.5M PARALLEL 165CABGA  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a><br><a href="#">RFQ</a> |
|  | Part#: <a href="#">71V3557S75BGI8</a><br>Description: IC SRAM 4.5M PARALLEL 119PBGA     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a><br><a href="#">RFQ</a> |
|  | Part#: <a href="#">71V3556SA166BQGI8</a><br>Description: IC SRAM 4.5M PARALLEL 165CABGA | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a><br><a href="#">RFQ</a> |
|  | Part#: <a href="#">71V3556SA166BQ</a><br>Description: IC SRAM 4.5M PARALLEL 165CABGA    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a><br><a href="#">RFQ</a> |
|  | Part#: <a href="#">71V3556SA166BGG</a><br>Description: IC SRAM 4.5M PARALLEL 119PBGA    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a><br><a href="#">RFQ</a> |
|  | Part#: <a href="#">71V3557S75BGG8</a><br>Description: IC SRAM 4.5M PARALLEL 119PBGA     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a><br><a href="#">RFQ</a> |
|  | Part#: <a href="#">71V3557S75PFG</a><br>Description: IC SRAM 4.5M PARALLEL 100TQFP      | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a><br><a href="#">RFQ</a> |
|  | Part#: <a href="#">71V3556SA166BQ8</a><br>Description: IC SRAM 4.5M PARALLEL 165CABGA   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a><br><a href="#">RFQ</a> |
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|---------------------------------------|-------------------------------------|----------------------------|------------------------------------|
| Related keywords for 71V3556SA166BQGI |                                     |                            |                                    |
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|                                       | 71V3556SA166BQGI                    |                            | 71V3556SA166BQGI                   |
| IDT, Integrated Device Technology Inc | Integrated Device Technology (IDT)  |                            |                                    |
| 71V3556SA166BQGI                      | 71V3556SA166BQGI                    |                            |                                    |