

NAND512R3A3AZA6E



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Part Number: [NAND512R3A3AZA6E](#)

Manufacturer: [STMicroelectronics](#)

Description: IC FLASH 512M PARALLEL 55VFBGA

Data sheet:  [NAND128/256/512/01G-A \(V7.0\)](#)

RoHs Status: Lead free / RoHS Compliant

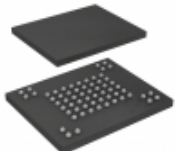
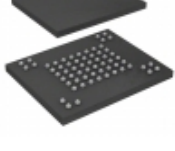
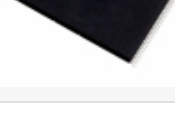
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                  |                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                       | NAND512R3A3AZA6E                          | Manufacturer                     | <a href="#">STMicroelectronics</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC FLASH 512M PARALLEL 55VFBGA            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                | 7672 pcs                                  | Data sheet                       | <a href="#">NAND128/256/512/01G-A (V7.0)</a>                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Write Cycle Time - Word, Page    | 60ns                                                                 |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.7 V ~ 1.95 V                            | Technology                       | FLASH - NAND                                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                           | 55-VFBGA (8x10)                           | Series                           | -                                                                    |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Tray                                      | Package / Case                   | 55-TFBGA                                                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 497-3616                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                        |
| Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Non-Volatile                              | Memory Size                      | 512Mb (64M x 8)                                                      |
| Memory Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Parallel                                  | Memory Format                    | FLASH                                                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                | Detailed Description             | FLASH - NAND Memory IC 512Mb (64M x 8) Parallel 60ns 55-VFBGA (8x10) |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NAND512                                   | Access Time                      | 60ns                                                                 |
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|                            | Part#: <a href="#">NAND512W3A2BN6E</a><br>Description: IC FLASH 512M PARALLEL 48TSOP   | Manufacturers: <a href="#">STMicroelectronics</a> | <div>RFQ</div> |
|                            | Part#: <a href="#">NAND512R3A2SN6F</a><br>Description: IC FLASH 512M PARALLEL 48TSOP   | Manufacturers: <a href="#">Micron Technology</a>  | <div>RFQ</div> |
|                            | Part#: <a href="#">NAND512R3A2SZA6E</a><br>Description: IC FLASH 512M PARALLEL 63VFBGA | Manufacturers: <a href="#">Micron Technology</a>  | <div>RFQ</div> |
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|                            | Part#: <a href="#">NAND512W3A2DZA6E</a><br>Description: IC FLASH 512M PARALLEL 63VFBGA | Manufacturers: <a href="#">Micron Technology</a>  | <div>RFQ</div> |

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