

70P254L55BYGI8



Part Number: 70P254L55BYGI8

Manufacturer: IDT (Integrated Device Technology)

Description: IC SRAM 128K PARALLEL 81CABGA

Data sheet:  IDT70P2x4L(40,55)BYGI

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                           |                                  |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 70P254L55BYGI8                            | Manufacturer                     | <a href="#">IDT (Integrated Device Technology)</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC SRAM 128K PARALLEL 81CABGA             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4346 pcs                                  | Data sheet                       | <a href="#">IDT70P2x4L(40,55)BYGI</a>                                                 |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a> | Write Cycle Time - Word, Page    | 55ns                                                                                  |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.7 V ~ 1.9 V                             | Technology                       | SRAM - Dual Port, Asynchronous                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 81-CABGA (5x5)                            | Series                           | -                                                                                     |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tape & Reel (TR)                          | Package / Case                   | 81-TFBGA                                                                              |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IDT70P254L55BYGI8<br>IDT70P254L55BYGI8-ND | Operating Temperature            | -40°C ~ 85°C (TA)                                                                     |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                         |
| Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Volatile                                  | Memory Size                      | 128Kb (8K x 16)                                                                       |
| Memory Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Parallel                                  | Memory Format                    | SRAM                                                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Lead free / RoHS Compliant                | Detailed Description             | SRAM - Dual Port, Asynchronous Memory IC 128Kb (8K x 16) Parallel 55ns 81-CABGA (5x5) |
| Access Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 55ns                                      |                                  |                                                                                       |
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