



## CY7C1021D-10ZSXAT Status: In Production

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### CY7C1021D-10ZSXAT

|                            |               |
|----------------------------|---------------|
| Automotive Qualified       | Y             |
| Min. Operating Voltage (V) | 4.50          |
| Max. Operating Voltage (V) | 5.50          |
| Min. Operating Temp. (°C)  | -40           |
| Max. Operating Temp. (°C)  | 85            |
| Frequency (MHz)            | N/A           |
| Temp. Classification       | Automotive(A) |
| Max. Operating VCCQ (V)    | 5.50          |
| Min. Operating VCCQ (V)    | 4.50          |
| Speed (ns)                 | 10            |
| Density (Kb)               | 1024          |
| Organization (X x Y)       | 64K x 16      |

### Pricing & Inventory Availability

| 1-10 unit Price* | 11-100 unit Price* | 101-1000 unit Price* | 1001 + unit Price* |
|------------------|--------------------|----------------------|--------------------|
|                  |                    |                      |                    |

| Availability | Quantity | Ships In | Order Now |
|--------------|----------|----------|-----------|
|              |          |          |           |

\* Prices are shown in United States dollars and are for budgetary use only.

### Packaging / Ordering

|                                       |                                                                                                   |
|---------------------------------------|---------------------------------------------------------------------------------------------------|
| Package                               | <a href="#">TSOP II</a>                                                                           |
| No. of Pins                           | 44                                                                                                |
| Package Dimensions                    | 729 L X 1.05 H X 435 W (Mils)                                                                     |
| Package Weight                        | 453.25 (mgs)                                                                                      |
| Package Cross Section Drawing         | <a href="#">Download</a>                                                                          |
| Package Carrier                       | REEL                                                                                              |
| Package Carrier Drawing / Orientation | <a href="#">Tape Drawing</a> , <a href="#">Reel Drawing</a> , <a href="#">Package Orientation</a> |
| Standard Pack Quantity                | 1000                                                                                              |
| Minimum Order Quantity (MOQ)          | 1000                                                                                              |
| Order Increment                       | 1000                                                                                              |
| Estimated Lead Time (days)            | 28                                                                                                |
| HTS Code                              | 8542.32.0040                                                                                      |
| ECCN                                  | 3A991                                                                                             |

|             |          |
|-------------|----------|
| ECCN Suball | (B.2.A.) |
|-------------|----------|

## Quality and RoHS

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| Moisture Sensitivity Level (MSL) | 3                                                      |
| Peak Reflow Temp. (°C)           | 260 ( <a href="#">Cypress Reflow Profile</a> )         |
| RoHS Compliant                   | Y <a href="#">Print RoHS Certificate of Compliance</a> |
| PB Free                          | Y                                                      |
| Lead/Ball Finish                 | Ni/Pd/Au                                               |
| Marking                          | <a href="#">Cypress Marking Format</a>                 |

### Package Material Declaration

[44L-TSOP II 001-03016](#) Last Update: 10/25/2012

### IPC 1752 Material Declaration

[IPC-1752-2\\_V1.1\\_TSOP II 44 \(STACK DIE\)\\_ASE](#) Last Update: 07/05/2012

[IPC-1752-2\\_V1.1\\_TSOP II 44\\_CML\\_GREEN MC](#) Last Update: 07/04/2012

[IPC-1752-2\\_V1.1\\_TSOP II 44\\_PURE SN\\_OSE](#) Last Update: 07/04/2012

### RoHS Analysis Certificates (CoA)

[TSOP 28 - 001-79768](#) Last Update: 06/28/2012

[PACKAGE ROHS ANALYSIS REPORT - TSOPII-STACKED DIE \(ZW44,54\) USING MOLD COMPOUND CEL9200THF, ADHESIVE FH-900, PURE SN - ASE TAIWAN ASSEMBLY](#) Last Update: 07/04/2012

[PACKAGE ROHS ANALYSIS REPORT - TSSOP \(ZZ 08,14,16,20,24,28,48,56,64\) TSOP \(ZY32R, 48\) \(ZB32\) \(ZT 28,32,48\) \(ZD32\) TSOPII \(ZW32,44\) USING MOLD COMPOUND CEL9200HF, ADHESIVE 8340, PURE SN - OSE TAIWAN ASSEMBLY](#) Last Update: 07/04/2012

### Device Qualification Reports

 FIT/MTBF, ESD (HBM/CDM) and Latch-up data available in the Device Qualification Report. Please click [here](#).

## Technical Documents

### Application Notes (1)

[AN6081 - Interfacing 90-nm Cypress Asynchronous SRAMs in Legacy Systems](#) Last Update: 19/12/2012

### Models (1)

[CY7C1021DV33-VHDL](#) Last Update: 15/09/2009

### Product Information Notice (PIN) (1)

[PIN135200](#) Last Update: 21/03/2013

## Support and Community

[Cypress Developer Community](#) <sup>TM</sup>

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