

DDR4 DIMM

TE Internal #: 2199154-7

TE Internal Description: DDR4 DIMM 288 PIN TH TYPE

DDR4 DIMM SOCKETS

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Connectors > Socket Connectors > Memory Sockets > DIMM Sockets > DDR4 DIMM SOCKETS



DRAM Type: Double Data Rate (DDR) 4

Connector System: Board-to-Board

Number of Positions: 288

Termination Method to PCB: Through Hole - Solder

Module Orientation: Vertical

[All DDR4 DIMM SOCKETS \(25\)](#)

Features

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Product Type Features

|                                   |                          |
|-----------------------------------|--------------------------|
| Connector & Contact Terminates To | Printed Circuit Board    |
| DRAM Type                         | Double Data Rate (DDR) 4 |
| Connector System                  | Board-to-Board           |

Configuration Features

|                     |          |
|---------------------|----------|
| Number of Positions | 288      |
| Module Orientation  | Vertical |

Body Features

|              |          |
|--------------|----------|
| Ejector Type | Standard |
|--------------|----------|

Contact Features

|                              |       |
|------------------------------|-------|
| Contact Current Rating (Max) | .75 A |
|------------------------------|-------|

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|



Housing Features

|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | .85 mm[.033 in] |
|--------------------|-----------------|

Dimensions

|                    |                |
|--------------------|----------------|
| Row-to-Row Spacing | 2.2 mm[.08 in] |
|--------------------|----------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Packaging Features

|                  |      |
|------------------|------|
| Packaging Method | Tray |
|------------------|------|

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
|--------------------|-----------|

Product Compliance

For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                                                                                                      |
| EU ELV Directive 2000/53/EC                   | Not Yet Reviewed                                                                                                               |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                        |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUL 2019 (201)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                            |
| Solder Process Capability                     | Not reviewed for solder process capability                                                                                     |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>



Compatible Parts

TE Part # 2-2822979-3  
LGA3647-0 SOCKET P0 KIT FOR ODM  
(30U AU)

Also in the Series | [DDR4 DIMM](#)

DIMM Sockets(25)

SO DIMM Sockets(39)

Customers Also Bought

TE Part #2176403-2  
3550 1R1 1%

TE Part #2176406-9  
3560 2R2 1%

TE Part #1-1879128-4  
RN 0402 604R 0.1% 10PPM 1K RL

TE Part #NB18922001  
RNF-100-1/16-YO-STK

TE Part #1-5353727-0  
.6FHP08H,280,B,GIG,08/Sn,ST,NSYes

TE Part #1-5353729-0  
.6FHR04H,280,B,GIG,08/Sn,ST,NSYes

TE Part #2118721-4  
STD SHIELD COVER, AL-38.60X25.90X2.00MM

TE Part #2085958-1  
ICCON,SIZE 4,LOCKING PIN ASSEMBLY



Documents

Product Drawings

DDR4 DIMM 288 PIN TH TYPE

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_2199154-7\_C5.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2199154-7\_C5.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2199154-7\_C5.3d\_stp.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

DDR4 DIMM Socket Flyer (English)

English

DDR4 DIMM Socket Flyer (Chinese)

Product Specifications

Product Specification

English

Product Specification

English