2199154-7 ✓ ACTIVE

DDR4 DIMM

TE Internal #: 2199154-7

DIMM Sockets, Double Data Rate (DDR) 4, Board-to-Board, 288
Position, Through Hole - Solder Mount, Vertical Module
Orientation, DDR4 DIMM

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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**

PCB Mounting Style: **Through Hole - Solder**

Module Orientation: **Vertical**

All DDR4 DIMM SOCKETS (69)

Features

Product Type Features

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

Configuration Features

Number of Positions	288
Module Orientation	Vertical

Body Features

Ejector Type	Standard

Contact Features

Contact Current Rating (Max)	.75 A

Mechanical Attachment

PCB Mounting Style	Through Hole - Solder
Connector Mounting Type	Board Mount

Housing Features

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

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Dimensions

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

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Soft Tray

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 2022 (224) Candidate List Declared Against: JUL 2019 (201) 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

DIMM Sockets, Double Data Rate (DDR) 4, Board-to-Board, 288 Position, Through Hole - Solder Mount, Vertical Module Orientation, DDR4 DIMM

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

Also in the Series | DDR4 DIMM

DIMM Sockets(69)

SO DIMM Sockets(39)

Documents

Product Drawings
DDR4 DIMM 288 PIN TH TYPE

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_2199154-7_C4.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2199154-7_C4.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2199154-7_C4.3d_stp.zip

English

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

2199154-7

DIMM Sockets, Double Data Rate (DDR) 4, Board-to-Board, 288 Position, Through
Hole - Solder Mount, Vertical Module Orientation, DDR4 DIMM

English

Product Specification

English