

DDR4 DIMM

TE Internal #: 7-2199154-5

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

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
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Contact Features

Contact Current Rating (Max)	.75 A
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Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

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

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

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

Circuit Application	Signal
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Packaging Features

Packaging Method	Tray
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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	Compliant
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) Candidate List Declared Against: JAN 2018 (181) SVHC > Threshold: Not Yet Reviewed
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.



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 #7-2199154-3

DDR4 DIMM 288 Pin TH type

TE Part #1551920-6

ZQSFP+ CONNECTOR ASSEMBLY

TE Part #2041242-1

PCI-E Card Edge, 98 Pos, 15u",

TE Part #2041242-3

PCI-E Card Edge, 64 Pos, 15u",

TE Part #2041313-1

PCI-E, Straddle, 36P, 30u", PCB

TE Part #2322144-2

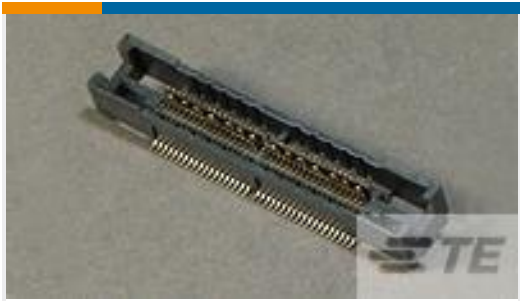
MBXL R/A HDR STR 1ACP+8S+1ACP, HF

TE Part #3-1775099-8

ATX PWR CONN 1 BDLC 24 POS

TE Part #5-2170703-4

CAGE ASSEMBLY, QSFP28 1X1, SPRING



TE Part #5767181-2  
MICT,RECPT,76,ASSY,PDNI



TE Part #2143019-3  
IMP100S,H,RA2P10C,RG,LEW39,5.5

Documents

Product Drawings

DDR4 DIMM 288 Pin TH type

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_7-2199154-5\_C1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_7-2199154-5\_C1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_7-2199154-5\_C1.3d\_stp.zip

English

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

Product Specifications

Application Specification

English