



Product Change Notification / JAON-08OHTZ048

Date:

30-Jun-2021

Product Category:

General Purpose FPGAs, Radiation Tolerant FPGAs, System On Chip FPGAs

PCN Type:

Manufacturing Change

Notification Subject:

Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCle_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

Affected CPNs:

[JAON-08OHTZ048_Affected_CPN_06302021.pdf](#)

[JAON-08OHTZ048_Affected_CPN_06302021.csv](#)

Notification Text:

PCN Status: Final notification

PCN Type: Manufacturing Change

Microchip Parts Affected: Please open one of the files found in the Affected CPNs section.

NOTE: For your convenience Microchip includes identical files in two formats (.pdf and .xls).

Description of Change: Release of new Libero DirectCore CorePCle_AXItoAHBL as required by **customer advisory notification** (See attached) for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

Pre and Post Change Summary:

	Pre Change	Post Change
SERDES PCle block		

	PCIe SERDES blocks configured as AHBLite master interface	convert to the fabric hosted AXI-to-AHBL core (CorePCIe_AXItoAHBL)
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Download from Libero SoC DirectCores catalog or
from: <https://www.microsemi.com/product-directory/design-resources/5092-ip-cores#ip-directcores>

Impacts to Data Sheet: None

Change Impact:None

Reason for Change:Issue when using the AXI-to-AHBLite master bridge inside the PCIe block of the SERDES as defined in the attached Customer Advisory Notice

Change Implementation Status:In Progress

Estimated Implementation Date:July 12, 2021 (date code: 2129)

Time Table Summary:

	June 2021					July 2021			
Workweek	23	24	25	26	27	28	29	30	31
Final PCN Issue Date					X				
Estimated Implementation Date							X		

Method to Identify Change: Not applicable. New firmware will be made available as defined above.

Qualification Report:

Not Applicable

Revision History:June 30, 2021: Issued final notification.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Attachments:

[Customer_Advisory_Marketing PCN_ML042021000A.pdf](#)

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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If you wish to change your PCN profile, including opt out, please go to the **PCN home page** select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

Affected Catalog Part Numbers (CPN)

M2GL010T-1FG484
M2GL010T-1FG484I
M2GL010T-1FG484IX418
M2GL010T-1FG484M
M2GL010T-1FG484MX399
M2GL010T-1FG484MX417
M2GL010T-1FG484MX418
M2GL010T-1FGG484
M2GL010T-1FGG484I
M2GL010T-1FGG484IX418
M2GL010T-1FGG484M
M2GL010T-1FGG484X416
M2GL010T-1FGG484X417
M2GL010T-1FGG484X418
M2GL010T-1VF256
M2GL010T-1VF256I
M2GL010T-1VF400
M2GL010T-1VF400I
M2GL010T-1VFG256
M2GL010T-1VFG256I
M2GL010T-1VFG400
M2GL010T-1VFG400I
M2GL010T-FG484
M2GL010T-FG484I
M2GL010T-FGG484
M2GL010T-FGG484I
M2GL010T-FGG484IX377
M2GL010T-FGG484X416
M2GL010T-VF256
M2GL010T-VF256I
M2GL010T-VF400
M2GL010T-VF400I
M2GL010T-VFG256
M2GL010T-VFG256I
M2GL010T-VFG400
M2GL010T-VFG400I
M2GL010TS-1FG484
M2GL010TS-1FG484I
M2GL010TS-1FG484M
M2GL010TS-1FGG484
M2GL010TS-1FGG484I
M2GL010TS-1FGG484M
M2GL010TS-1FGG484T2
M2GL010TS-1VF256
M2GL010TS-1VF256I
M2GL010TS-1VF400

JAON-08OHTZ048 - Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCIe_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

M2GL010TS-1VF400I

M2GL010TS-1VFG256

M2GL010TS-1VFG256I

M2GL010TS-1VFG256T2

M2GL010TS-1VFG400

M2GL010TS-1VFG400I

M2GL010TS-1VFG400T2

M2GL010TS-FG484

M2GL010TS-FG484I

M2GL010TS-FGG484

M2GL010TS-FGG484I

M2GL010TS-VF256

M2GL010TS-VF256I

M2GL010TS-VF400

M2GL010TS-VF400I

M2GL010TS-VFG256

M2GL010TS-VFG256I

M2GL010TS-VFG400

M2GL010TS-VFG400I

M2GL025T-1FCS325

M2GL025T-1FCS325I

M2GL025T-1FCSG325

M2GL025T-1FCSG325I

M2GL025T-1FG484

M2GL025T-1FG484I

M2GL025T-1FG484IX417

M2GL025T-1FG484M

M2GL025T-1FG484MX130

M2GL025T-1FG484MX3

M2GL025T-1FG484MX417

M2GL025T-1FG484MX471

M2GL025T-1FG484MX488

M2GL025T-1FGG484

M2GL025T-1FGG484I

M2GL025T-1FGG484IX416

M2GL025T-1FGG484IX417

M2GL025T-1FGG484M

M2GL025T-1VF256

M2GL025T-1VF256I

M2GL025T-1VF400

M2GL025T-1VF400I

M2GL025T-1VFG256

M2GL025T-1VFG256I

M2GL025T-1VFG400

M2GL025T-1VFG400I

M2GL025T-FCS325

M2GL025T-FCS325I

M2GL025T-FCSG325

M2GL025T-FCSG325I

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M2GL025T-FG484

M2GL025T-FG484I

M2GL025T-FGG484

M2GL025T-FGG484I

M2GL025T-FGG484IX416

M2GL025T-FGG484X417

M2GL025T-VF256

M2GL025T-VF256I

M2GL025T-VF400

M2GL025T-VF400I

M2GL025T-VFG256

M2GL025T-VFG256I

M2GL025T-VFG400

M2GL025T-VFG400I

M2GL025TS-1FCS325

M2GL025TS-1FCS325I

M2GL025TS-1FCSG325

M2GL025TS-1FCSG325I

M2GL025TS-1FG484

M2GL025TS-1FG484I

M2GL025TS-1FG484M

M2GL025TS-1FGG484

M2GL025TS-1FGG484I

M2GL025TS-1FGG484M

M2GL025TS-1FGG484T2

M2GL025TS-1VF256

M2GL025TS-1VF256I

M2GL025TS-1VF400

M2GL025TS-1VF400I

M2GL025TS-1VFG256

M2GL025TS-1VFG256I

M2GL025TS-1VFG256T2

M2GL025TS-1VFG400

M2GL025TS-1VFG400I

M2GL025TS-1VFG400T2

M2GL025TS-FCS325

M2GL025TS-FCS325I

M2GL025TS-FCSG325

M2GL025TS-FCSG325I

M2GL025TS-FG484

M2GL025TS-FG484I

M2GL025TS-FGG484

M2GL025TS-FGG484I

M2GL025TS-VF256

M2GL025TS-VF256I

M2GL025TS-VF400

M2GL025TS-VF400I

M2GL025TS-VFG256

M2GL025TS-VFG256I

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M2GL025TS-VFG400

M2GL025TS-VFG400I

M2GL050T-1FCS325

M2GL050T-1FCS325I

M2GL050T-1FC3G325

M2GL050T-1FC3G325I

M2GL050T-1FG484

M2GL050T-1FG484I

M2GL050T-1FG484M

M2GL050T-1FG484MX399

M2GL050T-1FG484MX417

M2GL050T-1FG484MX440

M2GL050T-1FG484MX471

M2GL050T-1FG484MX512

M2GL050T-1FG896

M2GL050T-1FG896I

M2GL050T-1FGG484

M2GL050T-1FGG484I

M2GL050T-1FGG484M

M2GL050T-1FGG484X417

M2GL050T-1FGG484X452

M2GL050T-1FGG896

M2GL050T-1FGG896I

M2GL050T-1FGG896IX417

M2GL050T-1FGG896X416

M2GL050T-1FGG896X417

M2GL050T-1FGG896X453

M2GL050T-1VF400

M2GL050T-1VF400I

M2GL050T-1VFG400

M2GL050T-1VFG400I

M2GL050T-FCS325

M2GL050T-FCS325I

M2GL050T-FCSG325

M2GL050T-FCSG325I

M2GL050T-FG484

M2GL050T-FG484I

M2GL050T-FG896

M2GL050T-FG896I

M2GL050T-FGG484

M2GL050T-FGG484I

M2GL050T-FGG896

M2GL050T-FGG896I

M2GL050T-VF400

M2GL050T-VF400I

M2GL050T-VFG400

M2GL050T-VFG400I

M2GL050TS-1FCS325

M2GL050TS-1FCS325I

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M2GL050TS-1FCSG325

M2GL050TS-1FCSG325I

M2GL050TS-1FG484

M2GL050TS-1FG484I

M2GL050TS-1FG484M

M2GL050TS-1FG896

M2GL050TS-1FG896I

M2GL050TS-1FGG484

M2GL050TS-1FGG484I

M2GL050TS-1FGG484M

M2GL050TS-1FGG896

M2GL050TS-1FGG896I

M2GL050TS-1VF400

M2GL050TS-1VF400I

M2GL050TS-1VFG400

M2GL050TS-1VFG400I

M2GL050TS-FCS325

M2GL050TS-FCS325I

M2GL050TS-FCSG325

M2GL050TS-FCSG325I

M2GL050TS-FG484

M2GL050TS-FG484I

M2GL050TS-FG896

M2GL050TS-FG896I

M2GL050TS-FGG484

M2GL050TS-FGG484I

M2GL050TS-FGG896

M2GL050TS-FGG896I

M2GL050TS-VF400

M2GL050TS-VF400I

M2GL050TS-VFG400

M2GL050TS-VFG400I

M2GL060T-1FCS325

M2GL060T-1FCS325I

M2GL060T-1FCSG325

M2GL060T-1FCSG325I

M2GL060T-1FG484

M2GL060T-1FG484I

M2GL060T-1FG484M

M2GL060T-1FG484MX399

M2GL060T-1FG676

M2GL060T-1FG676I

M2GL060T-1FGG484

M2GL060T-1FGG484I

M2GL060T-1FGG484M

M2GL060T-1FGG676

M2GL060T-1FGG676I

M2GL060T-1VF400

M2GL060T-1VF400I

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M2GL060T-1VFG400

M2GL060T-1VFG400I

M2GL060T-FCS325

M2GL060T-FCS325I

M2GL060T-FCSG325

M2GL060T-FCSG325I

M2GL060T-FG484

M2GL060T-FG484I

M2GL060T-FG676

M2GL060T-FG676I

M2GL060T-FGG484

M2GL060T-FGG484I

M2GL060T-FGG676

M2GL060T-FGG676I

M2GL060T-VF400

M2GL060T-VF400I

M2GL060T-VFG400

M2GL060T-VFG400I

M2GL060TS-1FCS325

M2GL060TS-1FCS325I

M2GL060TS-1FCSG325

M2GL060TS-1FCSG325I

M2GL060TS-1FG484

M2GL060TS-1FG484I

M2GL060TS-1FG484M

M2GL060TS-1FG676

M2GL060TS-1FG676I

M2GL060TS-1FGG484

M2GL060TS-1FGG484I

M2GL060TS-1FGG484M

M2GL060TS-1FGG484T2

M2GL060TS-1FGG676

M2GL060TS-1FGG676I

M2GL060TS-1FGG676T2

M2GL060TS-1VF400

M2GL060TS-1VF400I

M2GL060TS-1VFG400

M2GL060TS-1VFG400I

M2GL060TS-1VFG400T2

M2GL060TS-FCS325

M2GL060TS-FCS325I

M2GL060TS-FCSG325

M2GL060TS-FCSG325I

M2GL060TS-FG484

M2GL060TS-FG484I

M2GL060TS-FG676

M2GL060TS-FG676I

M2GL060TS-FGG484

M2GL060TS-FGG484I

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M2GL060TS-FGG676

M2GL060TS-FGG676I

M2GL060TS-VF400

M2GL060TS-VF400I

M2GL060TS-VFG400

M2GL060TS-VFG400I

M2GL090T-1FCS325

M2GL090T-1FCS325I

M2GL090T-1FCSG325

M2GL090T-1FCSG325I

M2GL090T-1FG484

M2GL090T-1FG484I

M2GL090T-1FG484IX417

M2GL090T-1FG484M

M2GL090T-1FG484MX418

M2GL090T-1FG484MX6

M2GL090T-1FG676

M2GL090T-1FG676I

M2GL090T-1FGG484

M2GL090T-1FGG484I

M2GL090T-1FGG484M

M2GL090T-1FGG676

M2GL090T-1FGG676I

M2GL090T-1FGG676IX418

M2GL090T-FCS325

M2GL090T-FCS325I

M2GL090T-FCSG325

M2GL090T-FCSG325I

M2GL090T-FG484

M2GL090T-FG484I

M2GL090T-FG676

M2GL090T-FG676I

M2GL090T-FGG484

M2GL090T-FGG484I

M2GL090T-FGG484IX416

M2GL090T-FGG676

M2GL090T-FGG676I

M2GL090T-FGG676IX416

M2GL090TS-1FCS325

M2GL090TS-1FCS325I

M2GL090TS-1FCSG325

M2GL090TS-1FCSG325I

M2GL090TS-1FG484

M2GL090TS-1FG484I

M2GL090TS-1FG484M

M2GL090TS-1FG676

M2GL090TS-1FG676I

M2GL090TS-1FGG484

M2GL090TS-1FGG484I

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M2GL090TS-1FGG484IX416

M2GL090TS-1FGG484M

M2GL090TS-1FGG484T2

M2GL090TS-1FGG676

M2GL090TS-1FGG676I

M2GL090TS-1FGG676T2

M2GL090TS-FCS325

M2GL090TS-FCS325I

M2GL090TS-FCSG325

M2GL090TS-FCSG325I

M2GL090TS-FG484

M2GL090TS-FG484I

M2GL090TS-FG676

M2GL090TS-FG676I

M2GL090TS-FGG484

M2GL090TS-FGG484I

M2GL090TS-FGG676

M2GL090TS-FGG676I

M2GL150T-1FC1152

M2GL150T-1FC1152I

M2GL150T-1FC1152IX417

M2GL150T-1FC1152M

M2GL150T-1FC1152MX3

M2GL150T-1FC1152MX441

M2GL150T-1FC1152MX520

M2GL150T-1FCG1152

M2GL150T-1FCG1152I

M2GL150T-1FCG1152IX417

M2GL150T-1FCG1152IX538

M2GL150T-1FCG1152M

M2GL150T-1FCS536

M2GL150T-1FCS536I

M2GL150T-1FCSG536

M2GL150T-1FCSG536I

M2GL150T-1FCV484

M2GL150T-1FCV484I

M2GL150T-1FCV484M

M2GL150T-1FCVG484

M2GL150T-1FCVG484I

M2GL150T-FC1152

M2GL150T-FC1152I

M2GL150T-FCG1152

M2GL150T-FCG1152I

M2GL150T-FCG1152IX417

M2GL150T-FCS536

M2GL150T-FCS536I

M2GL150T-FCSG536

M2GL150T-FCSG536I

M2GL150T-FCV484

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M2GL150T-FCV484I

M2GL150T-FCVG484

M2GL150T-FCVG484I

M2GL150TS-1FC1152

M2GL150TS-1FC1152I

M2GL150TS-1FC1152M

M2GL150TS-1FCG1152

M2GL150TS-1FCG1152I

M2GL150TS-1FCG1152M

M2GL150TS-1FCS536

M2GL150TS-1FCS536I

M2GL150TS-1FCSG536

M2GL150TS-1FCSG536I

M2GL150TS-1FCV484

M2GL150TS-1FCV484I

M2GL150TS-1FCV484M

M2GL150TS-1FCVG484

M2GL150TS-1FCVG484I

M2GL150TS-FC1152

M2GL150TS-FC1152I

M2GL150TS-FCG1152

M2GL150TS-FCG1152I

M2GL150TS-FCS536

M2GL150TS-FCS536I

M2GL150TS-FCSG536

M2GL150TS-FCSG536I

M2GL150TS-FCV484

M2GL150TS-FCV484I

M2GL150TS-FCVG484

M2GL150TS-FCVG484I

M2S010T-1FG484

M2S010T-1FG484I

M2S010T-1FG484M

M2S010T-1FGG484

M2S010T-1FGG484I

M2S010T-1FGG484M

M2S010T-1FGG484MX417

M2S010T-1FGG484X417

M2S010T-1VF256

M2S010T-1VF256I

M2S010T-1VF400

M2S010T-1VF400I

M2S010T-1VFG256

M2S010T-1VFG256I

M2S010T-1VFG400

M2S010T-1VFG400I

M2S010T-FG484

M2S010T-FG484I

M2S010T-FGG484

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M2S010T-FGG484I

M2S010T-FGG484IX418

M2S010T-FGG484X416

M2S010T-FGG484XZ82

M2S010T-VF256

M2S010T-VF256I

M2S010T-VF400

M2S010T-VF400I

M2S010T-VFG256

M2S010T-VFG256I

M2S010T-VFG400

M2S010T-VFG400I

M2S010TS-1FG484

M2S010TS-1FG484I

M2S010TS-1FG484M

M2S010TS-1FGG484

M2S010TS-1FGG484I

M2S010TS-1FGG484M

M2S010TS-1FGG484T2

M2S010TS-1VF256

M2S010TS-1VF256I

M2S010TS-1VF400

M2S010TS-1VF400I

M2S010TS-1VFG256

M2S010TS-1VFG256I

M2S010TS-1VFG256T2

M2S010TS-1VFG400

M2S010TS-1VFG400I

M2S010TS-1VFG400T2

M2S010TS-1VFG400X416

M2S010TS-FG484

M2S010TS-FG484I

M2S010TS-FGG484

M2S010TS-FGG484I

M2S010TS-FGG484IH0199

M2S010TS-FGG484IH0235

M2S010TS-FGG484IS0005

M2S010TS-FGG484IX416

M2S010TS-FGG484IX418

M2S010TS-FGG484X418

M2S010TS-VF256

M2S010TS-VF256I

M2S010TS-VF400

M2S010TS-VF400I

M2S010TS-VFG256

M2S010TS-VFG256H0009

M2S010TS-VFG256H0022

M2S010TS-VFG256H0024

M2S010TS-VFG256H0026

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M2S010TS-VFG256H0029
M2S010TS-VFG256H0034
M2S010TS-VFG256H0035
M2S010TS-VFG256H0041
M2S010TS-VFG256H0052
M2S010TS-VFG256H0060
M2S010TS-VFG256H0063
M2S010TS-VFG256H0077
M2S010TS-VFG256H0082
M2S010TS-VFG256H0086
M2S010TS-VFG256H0087
M2S010TS-VFG256H0088
M2S010TS-VFG256H0097
M2S010TS-VFG256H0104
M2S010TS-VFG256H0106
M2S010TS-VFG256H0114
M2S010TS-VFG256H0119
M2S010TS-VFG256H0129
M2S010TS-VFG256H0131
M2S010TS-VFG256H0134
M2S010TS-VFG256H0135
M2S010TS-VFG256H0140
M2S010TS-VFG256H0146
M2S010TS-VFG256H0150
M2S010TS-VFG256H0159
M2S010TS-VFG256H0164
M2S010TS-VFG256H0168
M2S010TS-VFG256H0174
M2S010TS-VFG256H0188
M2S010TS-VFG256H0201
M2S010TS-VFG256H0208
M2S010TS-VFG256H0209
M2S010TS-VFG256H0210
M2S010TS-VFG256H0212
M2S010TS-VFG256H0214
M2S010TS-VFG256H0226
M2S010TS-VFG256H0227
M2S010TS-VFG256H0228
M2S010TS-VFG256H0259
M2S010TS-VFG256H0294
M2S010TS-VFG256H0296
M2S010TS-VFG256I
M2S010TS-VFG256IH0112
M2S010TS-VFG256IH0230
M2S010TS-VFG256IH0292
M2S010TS-VFG256IX416
M2S010TS-VFG256X416
M2S010TS-VFG256X486
M2S010TS-VFG400

JAON-08OHTZ048 - Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCIe_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

M2S010TS-VFG400H0117
M2S010TS-VFG400H0153
M2S010TS-VFG400H0155
M2S010TS-VFG400H0216
M2S010TS-VFG400H0277
M2S010TS-VFG400H0284
M2S010TS-VFG400H0303
M2S010TS-VFG400I
M2S010TS-VFG400S0008
M2S010TS-VFG400S0009
M2S010TS-VFG400S0010
M2S010TS-VFG400S0011
M2S010TS-VFG400X416
M2S010TS-WAFERLOT
M2S025T-1FCS325
M2S025T-1FCS325I
M2S025T-1FCSG158HZ221
M2S025T-1FCSG325
M2S025T-1FCSG325I
M2S025T-1FG484
M2S025T-1FG484I
M2S025T-1FG484M
M2S025T-1FGG484
M2S025T-1FGG484I
M2S025T-1FGG484M
M2S025T-1VF256
M2S025T-1VF256I
M2S025T-1VF400
M2S025T-1VF400I
M2S025T-1VFG256
M2S025T-1VFG256I
M2S025T-1VFG400
M2S025T-1VFG400I
M2S025T-FCS325
M2S025T-FCS325I
M2S025T-FCSG158IZ222
M2S025T-FCSG325
M2S025T-FCSG325I
M2S025T-FG484
M2S025T-FG484I
M2S025T-FGG484
M2S025T-FGG484I
M2S025T-FGG484X416
M2S025T-FGG484X417
M2S025T-VF256
M2S025T-VF256I
M2S025T-VF400
M2S025T-VF400I
M2S025T-VFG256

JAON-08OHTZ048 - Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCIe_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

M2S025T-VFG256I

M2S025T-VFG400

M2S025T-VFG400I

M2S025TS-1FCS325

M2S025TS-1FCS325I

M2S025TS-1FCSG325

M2S025TS-1FCSG325I

M2S025TS-1FG484

M2S025TS-1FG484I

M2S025TS-1FG484M

M2S025TS-1FGG484

M2S025TS-1FGG484I

M2S025TS-1FGG484IX416

M2S025TS-1FGG484M

M2S025TS-1FGG484T2

M2S025TS-1VF256

M2S025TS-1VF256I

M2S025TS-1VF400

M2S025TS-1VF400I

M2S025TS-1VFG256

M2S025TS-1VFG256I

M2S025TS-1VFG256T2

M2S025TS-1VFG400

M2S025TS-1VFG400I

M2S025TS-1VFG400T2

M2S025TS-FCS325

M2S025TS-FCS325I

M2S025TS-FCSG325

M2S025TS-FCSG325I

M2S025TS-FG484

M2S025TS-FG484I

M2S025TS-FGG484

M2S025TS-FGG484H0013

M2S025TS-FGG484H0015

M2S025TS-FGG484H0058

M2S025TS-FGG484H0059

M2S025TS-FGG484H0066

M2S025TS-FGG484H0070

M2S025TS-FGG484H0079

M2S025TS-FGG484H0080

M2S025TS-FGG484H0096

M2S025TS-FGG484H0100

M2S025TS-FGG484H0103

M2S025TS-FGG484H0139

M2S025TS-FGG484H0167

M2S025TS-FGG484H0178

M2S025TS-FGG484H0182

M2S025TS-FGG484H0203

M2S025TS-FGG484H0236

JAON-08OHTZ048 - Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCIe_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

M2S025TS-FGG484H0249
M2S025TS-FGG484H0253
M2S025TS-FGG484H0268
M2S025TS-FGG484H0282
M2S025TS-FGG484H0302
M2S025TS-FGG484I
M2S025TS-FGG484IH0257
M2S025TS-FGG484IH0298
M2S025TS-FGG484IX416
M2S025TS-FGG484IX486
M2S025TS-FGG484X416
M2S025TS-FGG484X486
M2S025TS-VF256
M2S025TS-VF256I
M2S025TS-VF400
M2S025TS-VF400I
M2S025TS-VFG256
M2S025TS-VFG256H0010
M2S025TS-VFG256H0025
M2S025TS-VFG256H0056
M2S025TS-VFG256H0123
M2S025TS-VFG256H0152
M2S025TS-VFG256H0206
M2S025TS-VFG256H0293
M2S025TS-VFG256I
M2S025TS-VFG256Q320
M2S025TS-VFG256S0023
M2S025TS-VFG256X416
M2S025TS-VFG400
M2S025TS-VFG400H0283
M2S025TS-VFG400I
M2S025TS-VFG400IH0069
M2S025TS-VFG400IH0101
M2S025TS-VFG400IH0147
M2S025TS-VFG400IH0162
M2S025TS-VFG400IH0172
M2S025TS-VFG400IH0173
M2S025TS-VFG400IH0184
M2S025TS-VFG400IH0241
M2S025TS-VFG400IH0256
M2S025TS-VFG400IH0262
M2S025TS-VFG400IH0265
M2S025TS-VFG400IH0285
M2S025TS-VFG400IH0305
M2S025TS-VFG400IQ270
M2S025TS-VFG400IX416
M2S025TS-VFG400IX417
M2S025TS-VFG400X416
M2S025TS-WAFERLOT

JAON-08OHTZ048 - Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCIe_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

M2S050T-1FCS325
M2S050T-1FCS325I
M2S050T-1FCSG325
M2S050T-1FCSG325I
M2S050T-1FG484
M2S050T-1FG484I
M2S050T-1FG484M
M2S050T-1FG896
M2S050T-1FG896ESX423
M2S050T-1FG896I
M2S050T-1FG896IX417
M2S050T-1FGG484
M2S050T-1FGG484I
M2S050T-1FGG484IX416
M2S050T-1FGG484M
M2S050T-1FGG896
M2S050T-1FGG896I
M2S050T-1VF400
M2S050T-1VF400I
M2S050T-1VFG400
M2S050T-1VFG400I
M2S050T-FCS325
M2S050T-FCS325I
M2S050T-FCSG325
M2S050T-FCSG325I
M2S050T-FCSG325X416
M2S050T-FG484
M2S050T-FG484I
M2S050T-FG896
M2S050T-FG896I
M2S050T-FGG484
M2S050T-FGG484I
M2S050T-FGG484IX538
M2S050T-FGG896
M2S050T-FGG896I
M2S050T-VF400
M2S050T-VF400I
M2S050T-VFG400
M2S050T-VFG400I
M2S050TS-1FCS325
M2S050TS-1FCS325I
M2S050TS-1FCSG325
M2S050TS-1FCSG325I
M2S050TS-1FG484
M2S050TS-1FG484I
M2S050TS-1FG484M
M2S050TS-1FG896
M2S050TS-1FG896I
M2S050TS-1FGG484

JAON-08OHTZ048 - Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCle_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

M2S050TS-1FGG484I

M2S050TS-1FGG484M

M2S050TS-1FGG896

M2S050TS-1FGG896I

M2S050TS-1VF400

M2S050TS-1VF400I

M2S050TS-1VFG400

M2S050TS-1VFG400I

M2S050TS-FCS325

M2S050TS-FCS325I

M2S050TS-FCSG325

M2S050TS-FCSG325I

M2S050TS-FG484

M2S050TS-FG484I

M2S050TS-FG896

M2S050TS-FG896I

M2S050TS-FGG484

M2S050TS-FGG484I

M2S050TS-FGG896

M2S050TS-FGG896I

M2S050TS-VF400

M2S050TS-VF400I

M2S050TS-VFG400

M2S050TS-VFG400I

M2S050TS-WAFERLOT

M2S060T-1FCS325

M2S060T-1FCS325I

M2S060T-1FCSG325

M2S060T-1FCSG325I

M2S060T-1FG484

M2S060T-1FG484I

M2S060T-1FG484M

M2S060T-1FG676

M2S060T-1FG676I

M2S060T-1FGG484

M2S060T-1FGG484I

M2S060T-1FGG484M

M2S060T-1FGG676

M2S060T-1FGG676I

M2S060T-1FGG676S0013

M2S060T-1FGG676S0015

M2S060T-1FGG676S0019

M2S060T-1FGG676S0024

M2S060T-1VF400

M2S060T-1VF400I

M2S060T-1VFG400

M2S060T-1VFG400I

M2S060T-FCS325

M2S060T-FCS325I

JAON-08OHTZ048 - Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCIe_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

M2S060T-FCSG325

M2S060T-FCSG325I

M2S060T-FG484

M2S060T-FG484I

M2S060T-FG676

M2S060T-FG676I

M2S060T-FGG484

M2S060T-FGG484I

M2S060T-FGG484IX416

M2S060T-FGG484X486

M2S060T-FGG676

M2S060T-FGG676I

M2S060T-FGG676IX486

M2S060T-FGG676Q128

M2S060T-FGG676Q174

M2S060T-FGG676X486

M2S060T-VF400

M2S060T-VF400I

M2S060T-VFG400

M2S060T-VFG400I

M2S060TS-1FCS325

M2S060TS-1FCS325I

M2S060TS-1FCSG325

M2S060TS-1FCSG325I

M2S060TS-1FG484

M2S060TS-1FG484I

M2S060TS-1FG484M

M2S060TS-1FG676

M2S060TS-1FG676I

M2S060TS-1FGG484

M2S060TS-1FGG484I

M2S060TS-1FGG484M

M2S060TS-1FGG484T2

M2S060TS-1FGG676

M2S060TS-1FGG676I

M2S060TS-1FGG676T2

M2S060TS-1VF400

M2S060TS-1VF400I

M2S060TS-1VFG400

M2S060TS-1VFG400I

M2S060TS-1VFG400T2

M2S060TS-FCS325

M2S060TS-FCS325I

M2S060TS-FCSG325

M2S060TS-FCSG325I

M2S060TS-FG484

M2S060TS-FG484I

M2S060TS-FG676

M2S060TS-FG676I

M2S060TS-FGG484

M2S060TS-FGG484H0028
M2S060TS-FGG484H0110
M2S060TS-FGG484H0125
M2S060TS-FGG484H0246
M2S060TS-FGG484I
M2S060TS-FGG484IH0020
M2S060TS-FGG484IH0028
M2S060TS-FGG484IH0032
M2S060TS-FGG484IH0039
M2S060TS-FGG484IH0043
M2S060TS-FGG484IH0067
M2S060TS-FGG484IH0081
M2S060TS-FGG484IH0118
M2S060TS-FGG484IH0158
M2S060TS-FGG484IH0165
M2S060TS-FGG484IH0169
M2S060TS-FGG484IH0181
M2S060TS-FGG484IH0183
M2S060TS-FGG484IH0193
M2S060TS-FGG484IH0205
M2S060TS-FGG484IH0220
M2S060TS-FGG484IH0229
M2S060TS-FGG484IH0254
M2S060TS-FGG484IH0281
M2S060TS-FGG484IH0299
M2S060TS-FGG484IH0300
M2S060TS-FGG484IH0304
M2S060TS-FGG484IX486
M2S060TS-FGG484X486
M2S060TS-FGG676
M2S060TS-FGG676H0093
M2S060TS-FGG676H0095
M2S060TS-FGG676H0157
M2S060TS-FGG676H0160
M2S060TS-FGG676H0161
M2S060TS-FGG676H0171
M2S060TS-FGG676H0192
M2S060TS-FGG676H0198
M2S060TS-FGG676H0207
M2S060TS-FGG676H0255
M2S060TS-FGG676H0287
M2S060TS-FGG676H0288
M2S060TS-FGG676I
M2S060TS-FGG676IH0019
M2S060TS-FGG676IH0031
M2S060TS-FGG676IH0042
M2S060TS-FGG676IH0085
M2S060TS-FGG676IH0089

JAON-08OHTZ048 - Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCIe_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

M2S060TS-FGG676IH0092
M2S060TS-FGG676IH0102
M2S060TS-FGG676IH0108
M2S060TS-FGG676IH0111
M2S060TS-FGG676IH0151
M2S060TS-FGG676IH0166
M2S060TS-FGG676IH0179
M2S060TS-FGG676IH0180
M2S060TS-FGG676IH0196
M2S060TS-FGG676IH0202
M2S060TS-FGG676IH0218
M2S060TS-FGG676IH0222
M2S060TS-FGG676IH0238
M2S060TS-FGG676IH0239
M2S060TS-FGG676IH0240
M2S060TS-FGG676IH0242
M2S060TS-FGG676IH0250
M2S060TS-FGG676IH0252
M2S060TS-FGG676IH0263
M2S060TS-FGG676IH0266
M2S060TS-FGG676IH0267
M2S060TS-FGG676IH0271
M2S060TS-FGG676IH0272
M2S060TS-FGG676IH0273
M2S060TS-FGG676IH0274
M2S060TS-FGG676IX486
M2S060TS-FGG676Q173
M2S060TS-FGG676Q269
M2S060TS-FGG676S0021
M2S060TS-FGG676S0022
M2S060TS-FGG676S0025
M2S060TS-FGG676S0026
M2S060TS-FGG676X486
M2S060TS-VF400
M2S060TS-VF400I
M2S060TS-VFG400
M2S060TS-VFG400I
M2S060TS-VFG400IH0115
M2S060TS-VFG400IH0204
M2S060TS-VFG400IH0213
M2S060TS-VFG400IH0248
M2S060TS-VFG400IH0269
M2S060TS-VFG400IH0270
M2S060TS-VFG400IH0278
M2S060TS-VFG400IH0286
M2S060TS-VFG400IH0297
M2S060TS-VFG400IH0301
M2S060TS-WAFERLOT
M2S090T-1FCS325

JAON-08OHTZ048 - Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCIe_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

M2S090T-1FCS325I

M2S090T-1FCSG325

M2S090T-1FCSG325I

M2S090T-1FCSG325Q183

M2S090T-1FG484

M2S090T-1FG484I

M2S090T-1FG484IX399

M2S090T-1FG484IX416

M2S090T-1FG484IX538

M2S090T-1FG484M

M2S090T-1FG676

M2S090T-1FG676I

M2S090T-1FGG484

M2S090T-1FGG484I

M2S090T-1FGG484IX417

M2S090T-1FGG484IX418

M2S090T-1FGG484IX538

M2S090T-1FGG484M

M2S090T-1FGG484MX399

M2S090T-1FGG484MX416

M2S090T-1FGG484MX417

M2S090T-1FGG484X538

M2S090T-1FGG676

M2S090T-1FGG676I

M2S090T-1FGG676Q149

M2S090T-1FGG676Q326

M2S090T-1FGG676S0001

M2S090T-1FGG676S0002

M2S090T-1FGG676S0003

M2S090T-1FGG676S0006

M2S090T-1FGG676S0007

M2S090T-1FGG676S0012

M2S090T-1FGG676S0016

M2S090T-1FGG676S0027

M2S090T-1FGG676S0028

M2S090T-1FGG676X416

M2S090T-1FGG676Z246

M2S090T-FCS325

M2S090T-FCS325I

M2S090T-FCSG325

M2S090T-FCSG325I

M2S090T-FG484

M2S090T-FG484I

M2S090T-FG484X538

M2S090T-FG676

M2S090T-FG676I

M2S090T-FG676IX417

M2S090T-FGG484

M2S090T-FGG484I

JAON-08OHTZ048 - Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCIe_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

M2S090T-FGG484IX417

M2S090T-FGG484IX418

M2S090T-FGG484X416

M2S090T-FGG484X417

M2S090T-FGG676

M2S090T-FGG676I

M2S090T-FGG676Q189

M2S090T-FGG676S0006

M2S090T-FGG676X416

M2S090TS-1FCS325

M2S090TS-1FCS325I

M2S090TS-1FCS325IX417

M2S090TS-1FCS325IX418

M2S090TS-1FCSG325

M2S090TS-1FCSG325I

M2S090TS-1FCSG325IX416

M2S090TS-1FCSG325IX418

M2S090TS-1FG484

M2S090TS-1FG484I

M2S090TS-1FG484IX3

M2S090TS-1FG484IX416

M2S090TS-1FG484IX418

M2S090TS-1FG484M

M2S090TS-1FG484MX3

M2S090TS-1FG484MX471

M2S090TS-1FG676

M2S090TS-1FG676I

M2S090TS-1FG676IX417

M2S090TS-1FGG484

M2S090TS-1FGG484I

M2S090TS-1FGG484IX416

M2S090TS-1FGG484IX418

M2S090TS-1FGG484M

M2S090TS-1FGG484T2

M2S090TS-1FGG484X416

M2S090TS-1FGG484X418

M2S090TS-1FGG676

M2S090TS-1FGG676H0017

M2S090TS-1FGG676H0044

M2S090TS-1FGG676H0046

M2S090TS-1FGG676H0071

M2S090TS-1FGG676H0090

M2S090TS-1FGG676H0132

M2S090TS-1FGG676H0144

M2S090TS-1FGG676H0223

M2S090TS-1FGG676H0280

M2S090TS-1FGG676I

M2S090TS-1FGG676IX418

M2S090TS-1FGG676T2

JAON-08OHTZ048 - Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCIe_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

M2S090TS-IFGG676X416

M2S090TS-FCS325

M2S090TS-FCS325I

M2S090TS-FCS325IX416

M2S090TS-FCS325IX417

M2S090TS-FCSG325

M2S090TS-FCSG325I

M2S090TS-FCSG325IX418

M2S090TS-FG484

M2S090TS-FG484I

M2S090TS-FG484IX416

M2S090TS-FG484IX456

M2S090TS-FG484X416

M2S090TS-FG676

M2S090TS-FG676I

M2S090TS-FGG484

M2S090TS-FGG484I

M2S090TS-FGG484IX416

M2S090TS-FGG484IX418

M2S090TS-FGG484X416

M2S090TS-FGG676

M2S090TS-FGG676H0137

M2S090TS-FGG676I

M2S090TS-FGG676IH0053

M2S090TS-FGG676IH0076

M2S090TS-FGG676IH0107

M2S090TS-FGG676IH0122

M2S090TS-FGG676IH0145

M2S090TS-FGG676IH0231

M2S090TS-FGG676IH0258

M2S090TS-FGG676IH0275

M2S090TS-FGG676IH0279

M2S090TS-FGG676IS0004

M2S090TS-FGG676IX416

M2S090TS-FGG676X416

M2S090TS-WAFERLOT

M2S150T-1FC1152

M2S150T-1FC1152I

M2S150T-1FC1152IX3

M2S150T-1FC1152M

M2S150T-1FC1152MX259

M2S150T-1FCG1152

M2S150T-1FCG1152I

M2S150T-1FCG1152IX417

M2S150T-1FCG1152M

M2S150T-1FCG1152X416

M2S150T-1FCS536

M2S150T-1FCS536I

M2S150T-1FCSG536

JAON-08OHTZ048 - Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCIe_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

M2S150T-1FCSG536I

M2S150T-1FCV484

M2S150T-1FCV484I

M2S150T-1FCV484IX259

M2S150T-1FCV484IX3

M2S150T-1FCV484M

M2S150T-1FCVG484

M2S150T-1FCVG484I

M2S150T-FC1152

M2S150T-FC1152I

M2S150T-FC1152X416

M2S150T-FCG1152

M2S150T-FCG1152I

M2S150T-FCG1152X416

M2S150T-FCG1152X417

M2S150T-FCS536

M2S150T-FCS536I

M2S150T-FCSG536

M2S150T-FCSG536I

M2S150T-FCV484

M2S150T-FCV484I

M2S150T-FCVG484

M2S150T-FCVG484I

M2S150T-FCVG484IX94

M2S150TS-1FC1152

M2S150TS-1FC1152I

M2S150TS-1FC1152IX130

M2S150TS-1FC1152IX167

M2S150TS-1FC1152M

M2S150TS-1FC1152MX417

M2S150TS-1FCG1152

M2S150TS-1FCG1152H0012

M2S150TS-1FCG1152H0038

M2S150TS-1FCG1152H0061

M2S150TS-1FCG1152H0084

M2S150TS-1FCG1152H0105

M2S150TS-1FCG1152H0121

M2S150TS-1FCG1152H0163

M2S150TS-1FCG1152H0186

M2S150TS-1FCG1152H0195

M2S150TS-1FCG1152H0261

M2S150TS-1FCG1152I

M2S150TS-1FCG1152IX417

M2S150TS-1FCG1152M

M2S150TS-1FCG1152X416

M2S150TS-1FCG1152X417

M2S150TS-1FCS536

M2S150TS-1FCS536I

M2S150TS-1FCSG536

JAON-08OHTZ048 - Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCIe_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

M2S150TS-1FCSG536I
M2S150TS-1FCV484
M2S150TS-1FCV484I
M2S150TS-1FCV484M
M2S150TS-1FCVG484
M2S150TS-1FCVG484I
M2S150TS-FC1152
M2S150TS-FC1152I
M2S150TS-FC1152X416
M2S150TS-FCG1152
M2S150TS-FCG1152H0012
M2S150TS-FCG1152H0138
M2S150TS-FCG1152I
M2S150TS-FCG1152X416
M2S150TS-FCS536
M2S150TS-FCS536I
M2S150TS-FCSG536
M2S150TS-FCSG536I
M2S150TS-FCSG536X416
M2S150TS-FCV484
M2S150TS-FCV484I
M2S150TS-FCVG484
M2S150TS-FCVG484I
M2S150TS-WAFERLOT
M2S150TS-WAFERLOTX417
RT4G150-1CB1657MX528
RT4G150-1CB1657PROTO
RT4G150-1CB1657R
RT4G150-1CG1657B
RT4G150-1CG1657BX130
RT4G150-1CG1657BX155
RT4G150-1CG1657BX259
RT4G150-1CG1657BX278
RT4G150-1CG1657BX3
RT4G150-1CG1657BX302
RT4G150-1CG1657BX323
RT4G150-1CG1657BX45
RT4G150-1CG1657BX477
RT4G150-1CG1657BX504
RT4G150-1CG1657BX507
RT4G150-1CG1657BX510
RT4G150-1CG1657BX522
RT4G150-1CG1657BX54
RT4G150-1CG1657E
RT4G150-1CG1657EX155
RT4G150-1CG1657EX170
RT4G150-1CG1657EX257
RT4G150-1CG1657EX259
RT4G150-1CG1657EX3

JAON-08OHTZ048 - Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCIe_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

RT4G150-1CG1657EX323
RT4G150-1CG1657EX484
RT4G150-1CG1657EX512
RT4G150-1CG1657EX54
RT4G150-1CG1657M
RT4G150-1CG1657MX528
RT4G150-1CG1657PROTO
RT4G150-1CG1657R
RT4G150-1CG1657V
RT4G150-1CG1657VX155
RT4G150-1CG1657VX259
RT4G150-1CG1657VX264
RT4G150-1CG1657VX3
RT4G150-1CG1657VX45
RT4G150-1CG1657VX507
RT4G150-1CG1657VX512
RT4G150-1CG1657VX526
RT4G150-1CG1657VX539
RT4G150-1CG1657VX54
RT4G150-1CG1657VX541
RT4G150-1CG2092B
RT4G150-1CG2092E
RT4G150-1CQ352B
RT4G150-1CQ352BX259
RT4G150-1CQ352BX323
RT4G150-1CQ352BX54
RT4G150-1CQ352E
RT4G150-1CQ352M
RT4G150-1CQ352PROTO
RT4G150-1CQ352R
RT4G150-1CQ352V
RT4G150-1FC1657I
RT4G150-1FC1657M
RT4G150-1FC1657PROTO
RT4G150-1FCG1657ES
RT4G150-1FCG1657I
RT4G150-1FCG1657M
RT4G150-1FCG1657PROTO
RT4G150-1LG1657B
RT4G150-1LG1657E
RT4G150-1LG1657M
RT4G150-1LG1657PROTO
RT4G150-1LG1657R
RT4G150-1LG1657V
RT4G150-CB1657MS
RT4G150-CB1657PROTO
RT4G150-CB1657PROTOX463
RT4G150-CB1657R
RT4G150-CG1657B

JAON-08OHTZ048 - Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCIe_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

RT4G150-CG1657BX230
RT4G150-CG1657BX257
RT4G150-CG1657BX259
RT4G150-CG1657BX3
RT4G150-CG1657BX323
RT4G150-CG1657BX464
RT4G150-CG1657BX477
RT4G150-CG1657BX512
RT4G150-CG1657BX54
RT4G150-CG1657E
RT4G150-CG1657EX130
RT4G150-CG1657EX230
RT4G150-CG1657EX259
RT4G150-CG1657EX3
RT4G150-CG1657EX444
RT4G150-CG1657EX477
RT4G150-CG1657EX510
RT4G150-CG1657EX512
RT4G150-CG1657EX517
RT4G150-CG1657EX519
RT4G150-CG1657EX54
RT4G150-CG1657M
RT4G150-CG1657PROTO
RT4G150-CG1657PROTOX463
RT4G150-CG1657PROTOX542
RT4G150-CG1657R
RT4G150-CG1657V
RT4G150-CG1657VX130
RT4G150-CG1657VX259
RT4G150-CG1657VX323
RT4G150-CG1657VX507
RT4G150-CG1657VX512
RT4G150-CQ352B
RT4G150-CQ352BX259
RT4G150-CQ352BX323
RT4G150-CQ352BX504
RT4G150-CQ352E
RT4G150-CQ352M
RT4G150-CQ352PROTO
RT4G150-CQ352R
RT4G150-CQ352V
RT4G150-CQ352VX507
RT4G150-FC1657
RT4G150-FC1657ES
RT4G150-FC1657I
RT4G150-FC1657M
RT4G150-FC1657PROTO
RT4G150-FC1657X523
RT4G150-FCG1657

JAON-08OHTZ048 - Memo log # ML042021000A Final Notice: Release of new Libero DirectCore CorePCIe_AXItoAHBL as required by customer advisory notification for selected products in M2Sxxx, M2GLxxx, RT4Gxxx, and 5962-1620xxx device families.

RT4G150-FCG1657I

RT4G150-FCG1657M

RT4G150-FCG1657PROTO

RT4G150-LG1657B

RT4G150-LG1657BX464

RT4G150-LG1657E

RT4G150-LG1657ES

RT4G150-LG1657M

RT4G150-LG1657MS

RT4G150-LG1657PROTO

RT4G150-LG1657R

RT4G150L-1CB1657PROTO

RT4G150L-1CG1657B

RT4G150L-1CG1657E

RT4G150L-1CG1657PROTO

RT4G150L-1CG1657V

RT4G150L-1CQ352B

RT4G150L-1CQ352E

RT4G150L-1CQ352PROTO

RT4G150L-1FC1657M

RT4G150L-1FCG1657

RT4G150L-1FCG1657I

RT4G150L-1FCG1657M

RT4G150L-1LG1657B

RT4G150L-1LG1657E

RT4G150L-1LG1657PROTO

RT4G150L-1LG1657V

RT4G150L-CB1657PROTO

RT4G150L-CG1657B

RT4G150L-CG1657E

RT4G150L-CG1657M

RT4G150L-CG1657PROTO

RT4G150L-CG1657R

RT4G150L-CG1657V

RT4G150L-CQ352B

RT4G150L-CQ352E

RT4G150L-CQ352M

RT4G150L-CQ352PROTO

RT4G150L-CQ352R

RT4G150L-CQ352V

RT4G150L-FC1657ES

RT4G150L-FC1657M

RT4G150L-FC1657PROTO

RT4G150L-FCG1657

RT4G150L-FCG1657ES

RT4G150L-FCG1657I

RT4G150L-FCG1657M

RT4G150L-FCG1657PROTO

RT4G150L-LG1657B

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RT4GT50L-LG1657E

RT4G150L-LG1657M

RT4G150L-LG1657PROTO

RT4G150L-LG1657R

RT4G150L-LG1657V

5962-1620801QXF

5962-1620802QXF

5962-1620803QZC

5962-1620804QZC

5962-1620805QXF

5962-1620806QXF

5962-1620807QZC

5962-1620808QZC

5962-1620809VXF

5962-1620810VXF

5962-1620811VZC

5962-1620812VZC

5962-1620813QYC

5962-1620814QYC

5962-1620815QXF

5962-1620816QZC

5962-1620817QYC

5962-1620818QXF

5962-1620819QZC

5962-1620820VXF

5962-1620821VZC

5962-1620822QYC

5962-1620823QYC

5962-1620824QYC

5962-1620825VYC

5962-1620826VYC

5962-1620827VYC

Affected Catalog Part Numbers(CPN)

M2GL010T-1FG484
M2GL010T-1FG484I
M2GL010T-1FG484IX418
M2GL010T-1FG484M
M2GL010T-1FG484MX399
M2GL010T-1FG484MX417
M2GL010T-1FG484MX418
M2GL010T-1FGG484
M2GL010T-1FGG484I
M2GL010T-1FGG484IX418
M2GL010T-1FGG484M
M2GL010T-1FGG484X416
M2GL010T-1FGG484X417
M2GL010T-1FGG484X418
M2GL010T-1VF256
M2GL010T-1VF256I
M2GL010T-1VF400
M2GL010T-1VF400I
M2GL010T-1VFG256
M2GL010T-1VFG256I
M2GL010T-1VFG400
M2GL010T-1VFG400I
M2GL010T-FG484
M2GL010T-FG484I
M2GL010T-FGG484
M2GL010T-FGG484I
M2GL010T-FGG484IX377
M2GL010T-FGG484X416
M2GL010T-VF256
M2GL010T-VF256I
M2GL010T-VF400
M2GL010T-VF400I
M2GL010T-VFG256
M2GL010T-VFG256I
M2GL010T-VFG400
M2GL010T-VFG400I
M2GL010TS-1FG484
M2GL010TS-1FG484I
M2GL010TS-1FG484M
M2GL010TS-1FGG484
M2GL010TS-1FGG484I
M2GL010TS-1FGG484M
M2GL010TS-1FGG484T2
M2GL010TS-1VF256
M2GL010TS-1VF256I
M2GL010TS-1VF400
M2GL010TS-1VF400I
M2GL010TS-1VFG256
M2GL010TS-1VFG256I
M2GL010TS-1VFG256T2
M2GL010TS-1VFG400
M2GL010TS-1VFG400I
M2GL010TS-1VFG400T2
M2GL010TS-FG484
M2GL010TS-FG484I
M2GL010TS-FGG484
M2GL010TS-FGG484I
M2GL010TS-VF256
M2GL010TS-VF256I
M2GL010TS-VF400
M2GL010TS-VF400I
M2GL010TS-VFG256
M2GL010TS-VFG256I
M2GL010TS-VFG400
M2GL010TS-VFG400I
M2GL025T-1FCS325
M2GL025T-1FCS325I
M2GL025T-1FCSG325
M2GL025T-1FCSG325I
M2GL025T-1FG484
M2GL025T-1FG484I
M2GL025T-1FG484IX417
M2GL025T-1FG484M
M2GL025T-1FG484MX130
M2GL025T-1FG484MX3
M2GL025T-1FG484MX417
M2GL025T-1FG484MX471
M2GL025T-1FG484MX488
M2GL025T-1FGG484
M2GL025T-1FGG484I
M2GL025T-1FGG484IX416
M2GL025T-1FGG484IX417
M2GL025T-1FGG484M
M2GL025T-1VF256
M2GL025T-1VF256I
M2GL025T-1VF400
M2GL025T-1VF400I
M2GL025T-1VFG256
M2GL025T-1VFG256I
M2GL025T-1VFG400
M2GL025T-1VFG400I
M2GL025T-FCS325
M2GL025T-FCS325I
M2GL025T-FCSG325
M2GL025T-FCSG325I
M2GL025T-FG484
M2GL025T-FG484I
M2GL025T-FGG484
M2GL025T-FGG484I
M2GL025T-FGG484IX416
M2GL025T-FGG484IX417
M2GL025T-VF256

M2GL025T-VF256I
M2GL025T-VF400
M2GL025T-VF400I
M2GL025T-VFG256
M2GL025T-VFG256I
M2GL025T-VFG400
M2GL025T-VFG400I
M2GL025TS-1FCS325
M2GL025TS-1FCS325I
M2GL025TS-1FCSG325
M2GL025TS-1FCSG325I
M2GL025TS-1FG484
M2GL025TS-1FG484I
M2GL025TS-1FG484M
M2GL025TS-1FGG484
M2GL025TS-1FGG484I
M2GL025TS-1FGG484M
M2GL025TS-1FGG484T2
M2GL025TS-1VF256
M2GL025TS-1VF256I
M2GL025TS-1VF400
M2GL025TS-1VF400I
M2GL025TS-1VFG256
M2GL025TS-1VFG256I
M2GL025TS-1VFG256T2
M2GL025TS-1VFG400
M2GL025TS-1VFG400I
M2GL025TS-1VFG400T2
M2GL025TS-FCS325
M2GL025TS-FCS325I
M2GL025TS-FCSG325
M2GL025TS-FCSG325I
M2GL025TS-FG484
M2GL025TS-FG484I
M2GL025TS-FGG484
M2GL025TS-FGG484I
M2GL025TS-VF256
M2GL025TS-VF256I
M2GL025TS-VF400
M2GL025TS-VF400I
M2GL025TS-VFG256
M2GL025TS-VFG256I
M2GL025TS-VFG400
M2GL025TS-VFG400I
M2GL050T-1FCS325
M2GL050T-1FCS325I
M2GL050T-1FCSG325
M2GL050T-1FCSG325I
M2GL050T-1FG484
M2GL050T-1FG484I
M2GL050T-1FG484M
M2GL050T-1FG484MX399
M2GL050T-1FG484MX417
M2GL050T-1FG484MX440
M2GL050T-1FG484MX471
M2GL050T-1FG484MX512
M2GL050T-1FG896
M2GL050T-1FG896I
M2GL050T-1FGG484
M2GL050T-1FGG484I
M2GL050T-1FGG484M
M2GL050T-1FGG484X417
M2GL050T-1FGG484X452
M2GL050T-1FGG896
M2GL050T-1FGG896I
M2GL050T-1FGG896IX417
M2GL050T-1FGG896X416
M2GL050T-1FGG896X417
M2GL050T-1FGG896X453
M2GL050T-1VF400
M2GL050T-1VF400I
M2GL050T-1VFG400
M2GL050T-1VFG400I
M2GL050T-FCS325
M2GL050T-FCS325I
M2GL050T-FCSG325
M2GL050T-FCSG325I
M2GL050T-FG484
M2GL050T-FG484I
M2GL050T-FG896
M2GL050T-FG896I
M2GL050T-FGG484
M2GL050T-FGG484I
M2GL050T-FGG896
M2GL050T-FGG896I
M2GL050T-VF400
M2GL050T-VF400I
M2GL050T-VFG400
M2GL050T-VFG400I
M2GL050TS-1FCS325
M2GL050TS-1FCS325I
M2GL050TS-1FCSG325
M2GL050TS-1FCSG325I
M2GL050TS-1FG484
M2GL050TS-1FG484I
M2GL050TS-1FG484M
M2GL050TS-1FG896
M2GL050TS-1FG896I
M2GL050TS-1FGG484
M2GL050TS-1FGG484I
M2GL050TS-1FGG484M
M2GL050TS-1FGG896
M2GL050TS-1FGG896I
M2GL050TS-1VF400
M2GL050TS-1VF400I
M2GL050TS-1VFG400
M2GL050TS-1VFG400I

M2GL050TS-FCS325
M2GL050TS-FCS325I
M2GL050TS-FCSG325
M2GL050TS-FCSG325I
M2GL050TS-FG484
M2GL050TS-FG484I
M2GL050TS-FG896
M2GL050TS-FG896I
M2GL050TS-FGG484
M2GL050TS-FGG484I
M2GL050TS-FGG896
M2GL050TS-FGG896I
M2GL050TS-VF400
M2GL050TS-VF400I
M2GL050TS-VFG400
M2GL050TS-VFG400I
M2GL060T-1FCS325
M2GL060T-1FCS325I
M2GL060T-1FCSG325
M2GL060T-1FCSG325I
M2GL060T-1FG484
M2GL060T-1FG484I
M2GL060T-1FG484M
M2GL060T-1FG484MX399
M2GL060T-1FG676
M2GL060T-1FG676I
M2GL060T-1FGG484
M2GL060T-1FGG484I
M2GL060T-1FGG484M
M2GL060T-1FGG676
M2GL060T-1FGG676I
M2GL060T-1VF400
M2GL060T-1VF400I
M2GL060T-1VFG400
M2GL060T-1VFG400I
M2GL060T-FCS325
M2GL060T-FCS325I
M2GL060T-FCSG325
M2GL060T-FCSG325I
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M2GL060T-FG484I
M2GL060T-FG676
M2GL060T-FG676I
M2GL060T-FGG484
M2GL060T-FGG484I
M2GL060T-FGG676
M2GL060T-FGG676I
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M2GL060T-VF400I
M2GL060T-VFG400
M2GL060T-VFG400I
M2GL060TS-1FCS325
M2GL060TS-1FCS325I
M2GL060TS-1FCSG325
M2GL060TS-1FCSG325I
M2GL060TS-1FG484
M2GL060TS-1FG484I
M2GL060TS-1FG484M
M2GL060TS-1FG676
M2GL060TS-1FG676I
M2GL060TS-1FGG484
M2GL060TS-1FGG484I
M2GL060TS-1FGG484M
M2GL060TS-1FGG484T2
M2GL060TS-1FGG676
M2GL060TS-1FGG676I
M2GL060TS-1FGG676T2
M2GL060TS-1VF400
M2GL060TS-1VF400I
M2GL060TS-1VFG400
M2GL060TS-1VFG400I
M2GL060TS-1VFG400T2
M2GL060TS-FCS325
M2GL060TS-FCS325I
M2GL060TS-FCSG325
M2GL060TS-FCSG325I
M2GL060TS-FG484
M2GL060TS-FG484I
M2GL060TS-FG676
M2GL060TS-FG676I
M2GL060TS-FGG484
M2GL060TS-FGG484I
M2GL060TS-FGG676
M2GL060TS-FGG676I
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M2GL060TS-VF400I
M2GL060TS-VFG400
M2GL060TS-VFG400I
M2GL090T-1FCS325
M2GL090T-1FCS325I
M2GL090T-1FCSG325
M2GL090T-1FCSG325I
M2GL090T-1FG484
M2GL090T-1FG484I
M2GL090T-1FG484IX417
M2GL090T-1FG484M
M2GL090T-1FG484MX418
M2GL090T-1FG484MX6
M2GL090T-1FG676
M2GL090T-1FG676I
M2GL090T-1FGG484
M2GL090T-1FGG484I
M2GL090T-1FGG484M
M2GL090T-1FGG676
M2GL090T-1FGG676I
M2GL090T-1FGG676IX418
M2GL090T-FCS325

M2GL090T-FCS325I
M2GL090T-FCSG325
M2GL090T-FCSG325I
M2GL090T-FG484
M2GL090T-FG484I
M2GL090T-FG676
M2GL090T-FG676I
M2GL090T-FGG484
M2GL090T-FGG484I
M2GL090T-FGG484IX416
M2GL090T-FGG676
M2GL090T-FGG676I
M2GL090T-FGG676IX416
M2GL090TS-1FCS325
M2GL090TS-1FCS325I
M2GL090TS-1FCSG325
M2GL090TS-1FCSG325I
M2GL090TS-1FG484
M2GL090TS-1FG484I
M2GL090TS-1FG484M
M2GL090TS-1FG676
M2GL090TS-1FG676I
M2GL090TS-1FGG484
M2GL090TS-1FGG484I
M2GL090TS-1FGG484IX416
M2GL090TS-1FGG484M
M2GL090TS-1FGG484T2
M2GL090TS-1FGG676
M2GL090TS-1FGG676I
M2GL090TS-1FGG676T2
M2GL090TS-FCS325
M2GL090TS-FCS325I
M2GL090TS-FCSG325
M2GL090TS-FCSG325I
M2GL090TS-FG484
M2GL090TS-FG484I
M2GL090TS-FG676
M2GL090TS-FG676I
M2GL090TS-FGG484
M2GL090TS-FGG484I
M2GL090TS-FGG676
M2GL090TS-FGG676I
M2GL150T-1FC1152
M2GL150T-1FC1152I
M2GL150T-1FC1152IX417
M2GL150T-1FC1152M
M2GL150T-1FC1152MX3
M2GL150T-1FC1152MX441
M2GL150T-1FC1152MX520
M2GL150T-1FCG1152
M2GL150T-1FCG1152I
M2GL150T-1FCG1152IX417
M2GL150T-1FCG1152IX538
M2GL150T-1FCG1152M
M2GL150T-1FCS536
M2GL150T-1FCS536I
M2GL150T-1FCSG536
M2GL150T-1FCSG536I
M2GL150T-1FCV484
M2GL150T-1FCV484I
M2GL150T-1FCV484M
M2GL150T-1FCVG484
M2GL150T-1FCVG484I
M2GL150T-FC1152
M2GL150T-FC1152I
M2GL150T-FCG1152
M2GL150T-FCG1152I
M2GL150T-FCG1152IX417
M2GL150T-FCS536
M2GL150T-FCS536I
M2GL150T-FCSG536
M2GL150T-FCSG536I
M2GL150T-FCV484
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M2GL150T-FCV484M
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5962-1620827VYC

Customer Advisory Notification:

SmartFusion2/IGLOO2/RTG4 SERDES PCIe AHBLite Issue

April 14, 2021

Description

In SmartFusion2, IGLOO2 and RTG4 families under specific PCIe traffic patterns, SERDES PCIe AHBLite master interface to fabric will function improperly, requiring design conversion to an AXI based SERDES PCIe configuration with a new FPGA fabric based AXI-to-AHBLite bridge soft IP.

Reason for Change

- An issue was discovered when using the AXI-to-AHBLite master bridge inside the PCIe block of the SERDES.
- Under specific PCIe traffic conditions, the AXI-to-AHBLite master bridge embedded within the SERDES block does not properly load its burst counter which results in early burst completions.
- Subsequently, the PCIe transaction layer packet (TLP) logic will generate incorrect read completion TLPs which will eventually result in the termination of the PCIe read TLP completions. The system behavior during this scenario is dependent on the root port used.
 - Traffic conditions known to cause this issue include:
 - Write transactions with open read transactions.
 - Read transactions with open write transactions.

Application Impact

- Designs with SERDES PCIe blocks configured as AHBLite master interface to fabric, that have encountered the issues stated above, are impacted.
- Designs using the SERDES PCIe AHBLite master interface to the fabric that perform read transactions without any open write transactions are **NOT** impacted.
- Designs using the SERDES PCIe AHBLite master interface to the fabric that perform write transactions without any open read transactions are **NOT** impacted.
- Designs using ONLY the AHBLite slave interface from fabric to the SERDES block are **NOT** impacted.
- Designs not using PCIe (i.e. XAUI or EPCS) are **NOT** impacted.
- Designs with SERDES configured with AXI fabric interface are **NOT** impacted.

Action Required

- Completed SmartFusion2, IGLOO2 and RTG4 designs using SERDES configured as PCIe with the AHBLite master interface must be evaluated if designs are experiencing incorrect read completion TLPs causing disruptions to PCIe bus transactions.
 - Designs with PCIe SERDES blocks configured as AHBLite master interface to fabric, that have encountered the issues stated above, must convert to the fabric hosted AXI-to-AHBL core (CorePCle_AXItoAHBL).
 - Although the issue is only related to the AHBLite master interface, if using both AHBLite Master and Slave interfaces, it is required to convert both interfaces to the fabric hosted bridge cores (CorePCle_AXItoAHBL. CorePCle_AHBLtoAXI)
 - Designs requiring update should implement the above-mentioned DirectCores from the Libero catalog with the SERDES PCIe block configured with AXI fabric interface.
 - DirectCore from Libero Catalog
 - CorePCle_AXItoAHBL (Master) (2.0.101 or later)
 - CorePCle_AHBLtoAXI (Slave) (2.0.101 or later)
- New and on-going SmartFusion2, IGLOO2 and RTG4 designs requiring SERDES configured as PCIe with AHBLite master should use the CorePCle_AXItoAHBL DirectCore.
 - In addition, designs with both master and slave AHBLite interfaces are required to use the CorePCle_AXItoAHBL and CorePCle_AHBLtoAXI DirectCores.
- The Core IP Handbook will provide the implementation guidance.

Products Affected

- See PCN [JAON-08OHTZ048/ML042021000A](https://www.microsemi.com/Products/PCN/JAON-08OHTZ048/ML042021000A).

Contact Information

- If you have further questions about this subject, contact Technical Support department by using the support portal at <https://soc.microsemi.com/Portal/Default.aspx>
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