









## **BTB** Connector C2400 DF40C-100DP-0.4V(51) C2399 DF40C-100DP-0.4V(51) GND | S1 S1 GND I S1 S1 BANK4\_W22\_IOB124B BANK4\_W21\_IOB124A VCCIO2 BANK2\_B21\_IOR44B BANK2\_C20\_IOR47B BANK2\_D20\_IOR47A BANK4\_V20\_IOB120B BANK4\_U20\_IOB120A RTR9900 BANK4\_U2U\_IOB12UA BANK3\_M17\_IOR73A BANK4\_P17\_IOB135B BANK4\_N17\_IOB135A BANK3\_M16\_IOR67B DF40C-80DP-0.4V(51) BANK2\_D19\_IOR29B BANK10\_T13\_JTAG\_TMS BANK10\_U13\_JTAG\_TDO BANK10\_U13\_JTAG\_TDO BANK10\_V12\_JTAG\_TCK BANK10\_R13\_JTAG\_TDI BANK4\_U21\_D08978 BANK4\_U21\_D08978 BANK4\_T21\_D08978 BANK2\_A20\_IOR40B BANK2\_B20\_IOR40A GND II BANK2\_E19\_IOR29A BANK3 M15 IOR67A BANK2\_A19\_IOR38B BANK2\_A18\_IOR38A BANK4\_N15\_IOB146A BANK4\_N13\_IOB142A BANK10\_V12\_JTAG\_TCK BANK10\_R13\_JTAG\_TDIA BANK4\_U21\_JOB978 BANK4\_U21\_JOB978 BANK4\_T22\_JOB978 BANK4\_T20\_JOB102B BANK4\_T20\_JOB102B BANK4\_T20\_JOB102B BANK4\_T20\_JOB102B BANK4\_R19\_JOB998 BANK4\_R19\_JOB998 BANK4\_R19\_JOB998 BANK3\_N22\_JOR898 BANK3\_N22\_JOR898 BANK3\_N22\_JOR898 BANK3\_N22\_JOR898 BANK3\_N22\_JOR898 BANK3\_L21\_JOR718 BANK3\_L21\_JOR718 BANK3\_L21\_JOR718 BANK3\_L21\_JOR718 BANK3\_L21\_JOR78B BANK3\_L21\_JOR78B BANK3\_N22\_JOR748 BANK3\_N22\_JOR748 BANK3\_N22\_JOR748 BANK3\_N22\_JOR748 BANK3\_N21\_JOR78B BANK3\_J21\_JOR78B BANK3\_J21\_JO BANK2\_B18\_LOR388\_GNU\_1 21 BANK2\_B18\_LOR288\_GNU\_1 25 BANK2\_B17\_LOR268\_GNU\_1 25 BANK2\_D17\_LOR268\_GNU\_1 33 BANK2\_D17\_LOR268\_GNU\_1 37 BANK2\_B16\_LOR208\_GNU\_1 37 BANK2\_B16\_LOR208\_GNU\_1 37 BANK2\_B16\_LOR208\_GNU\_1 47 BANK2\_B15\_LOR208\_GNU\_1 47 BANK2\_B15\_LOR208\_GNU\_1 47 BANK2\_B15\_LOR208\_GNU\_1 47 BANK2\_B13\_LOR178\_GNU\_1 47 BANK2\_B13\_LOR178\_GNU\_1 47 BANK2\_B13\_LOR178\_GNU\_1 55 BANK2\_B13\_LOR178\_GNU\_1 55 BANK2\_B13\_LOR178\_GNU\_1 55 BANK2\_B13\_LOR178\_GNU\_1 55 BANK2\_B13\_LOR178\_GNU\_1 55 BANK2\_B13\_LOR178\_GNU\_1 55 BANK4\_N14\_IOB142B BANK5\_Y17 BANK5\_AB17 BANK5\_AA16 BANKS, AN16 BANKS, W15 BANKS, W15 BANKS, W16 BANKS, W16 BANKS, W17 BANKS, W18 BANKS, W18 BANKS, W19 BANK BANK3\_M13\_IOR56A BANK3\_L13\_IOR56B 34 36 38 40 56 58 60 BANK2\_C15\_IOR8B BANK2\_C14\_IOR8A GND II BANK2\_E14\_IOR2B BANK2\_E13\_IOR2A GND.II Q0\_REFCLKM\_1 Q0\_REFCLKP\_1 GND.II Q0\_LN2\_TXM\_OX Q0\_LN2\_TXP\_OX GND: 5V0 93 93 93 95 95 97 99 97 99 S3 100 S4 M5 M6 М9 M10 - II-GND O—||iGND $\bigcirc$ $\bigcirc$ 0- $\bigcirc$ Mounting\_Hole MarkPoint MarkPoint MarkPoint Mark Point Mounting\_Hole MZ M8 M11 M12 O-II-GND O-II-GND $\bigcirc$ $\bigcirc$ $\bigcirc$ $\bigcirc$ Mounting\_Hole Mounting\_Hole MarkPoint MarkPoint MarkPoint MarkPoint <Title> Document Numbe lev <Rev Thursday, December 07, 2023 Sheet

## BANK4/5/10/Q0/ADC U1C BANK4 P20 JOB92A P20 JOB92A BANK4 P22 MSPL D00 P22 BANK4 P21 MSPL D00 P21 BANK4 P21 JOB978 P21 BANK4 P21 JOB978 P31 BANK4 P31 JOB978 P31 P31 JOB9 U1G Bank 10 BANK10\_U13\_JTAG\_TDO BANK10\_U12\_READY BANK10\_U12\_READY BANK10\_U12\_READY BANK10\_U12\_READY BANK10\_U13\_JTAG\_TOK BITTAG\_TOK BITTAG\_TOK BANK10\_U13\_JTAG\_TOK BITTAG\_TOK BITT IOB112B/D27/I VDS/DQ13 GW5AST-138K-PG484A GW5AST-138K-PG484A U1D Bank 5 00 LN0 RXM | 88 00 LN0 RXP | 88 00 LN0 TXM 0 A4 00 LN0 TXP 0 B4 00 LN1 RXM | 00 00 LN1 RXP | 00 00 LN1 RXP | 00 00 LN1 TXP 0 C7 00 LN1 TXP 0 IOB51A/I VDS/DQ9/X16 Q0\_LN0\_RXM\_I Q0\_LN3\_TXP\_O IOB51B/LVDS/DQ9 Q0\_LN0\_RXP\_I Q0\_LN0\_TXM\_O Q0\_LN3\_TXM\_O Q0\_LN3\_RXP\_I IOB89A/LVDS/DQS11/X16 IOB87B/LVDS/DQ11 IOB53A/LVDS/DQ9/X16 IOB53B/LVDS/DQ9 Q0\_LN0\_TXP\_O Q0\_LN1\_RXM\_I Q0 LN3 RXM I IOB87A/I VDS/DO11/X16 IOB56A/LVDS/DQS9/X16 Q0 LN2 TXP O IOB56B/LVDS/DQS9 Q0\_LN1\_RXP\_I Q0\_LN1\_TXM\_O Q0\_LN2\_TXM\_O Q0\_LN2\_RXP\_I IOB85A/LVDS/DQ11/X16 IOB58A/LVDS/DQ9/X16 IOB58B/LVDS/DQ9 Q0\_LN1\_TXP\_O Q0\_LN2\_RXM\_I IOB70A/LVDS/DQS10/X16 IOB83A/LVDS/DQ11/X16 IOB70B/LVDS/DOS10 Q0\_REFCLKM\_0 Q0\_REFCLKM\_1 IOB72A/LVDS/DQ10/X16 IOB78B/LVDS/DQ11 IOB78A/LVDS/DQ11/X16 IOB72B/I VDS/DQ10 Q0 REFCLKP IOB76A/LVDS/DQ10/X16 Q0\_REFCLKP IOB76B/LVDS/DQ10 BANK5\_V12 BANK5\_V12 BANK5\_W12 BANK5\_W12 W12 BANK5\_W12 BANK5\_V13 W12 W12 W12 W13 W13 W13 W14 W14 W14 W15 BANK5\_V15 W15 BANK5\_V15 IOB60A/SGCLKT\_6/BPLL0\_T\_IN0/BPLL1\_T\_IN0/LVDS/DQ9/X16 IOB60B/SGCLKC\_6/BPLL0\_C\_IN0/BPLL1\_C\_IN0/LVDS/DQ9 IOB62A/MGCLKT\_6/BPLL0\_T\_IN1/BPLL1\_T\_IN1/LVDS/DQ9/X16 GW5AST-138K-PG484A GW5AST-138K-PG484A <Title>

Document Number

Wednesday, November 08, 2023 Sheet

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