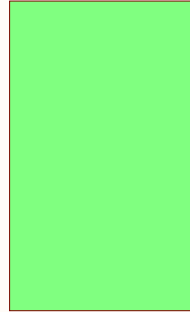
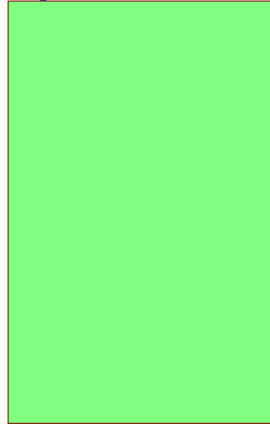


DDR3.SchDoc



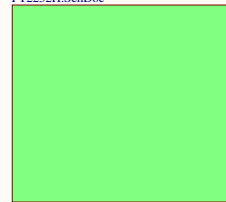
FPGA_A.SchDoc



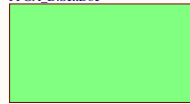
FPGA_C.SchDoc



FT2232H.SchDoc



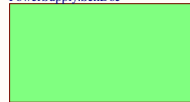
FPGA_D.SchDoc



U_FPGA_B

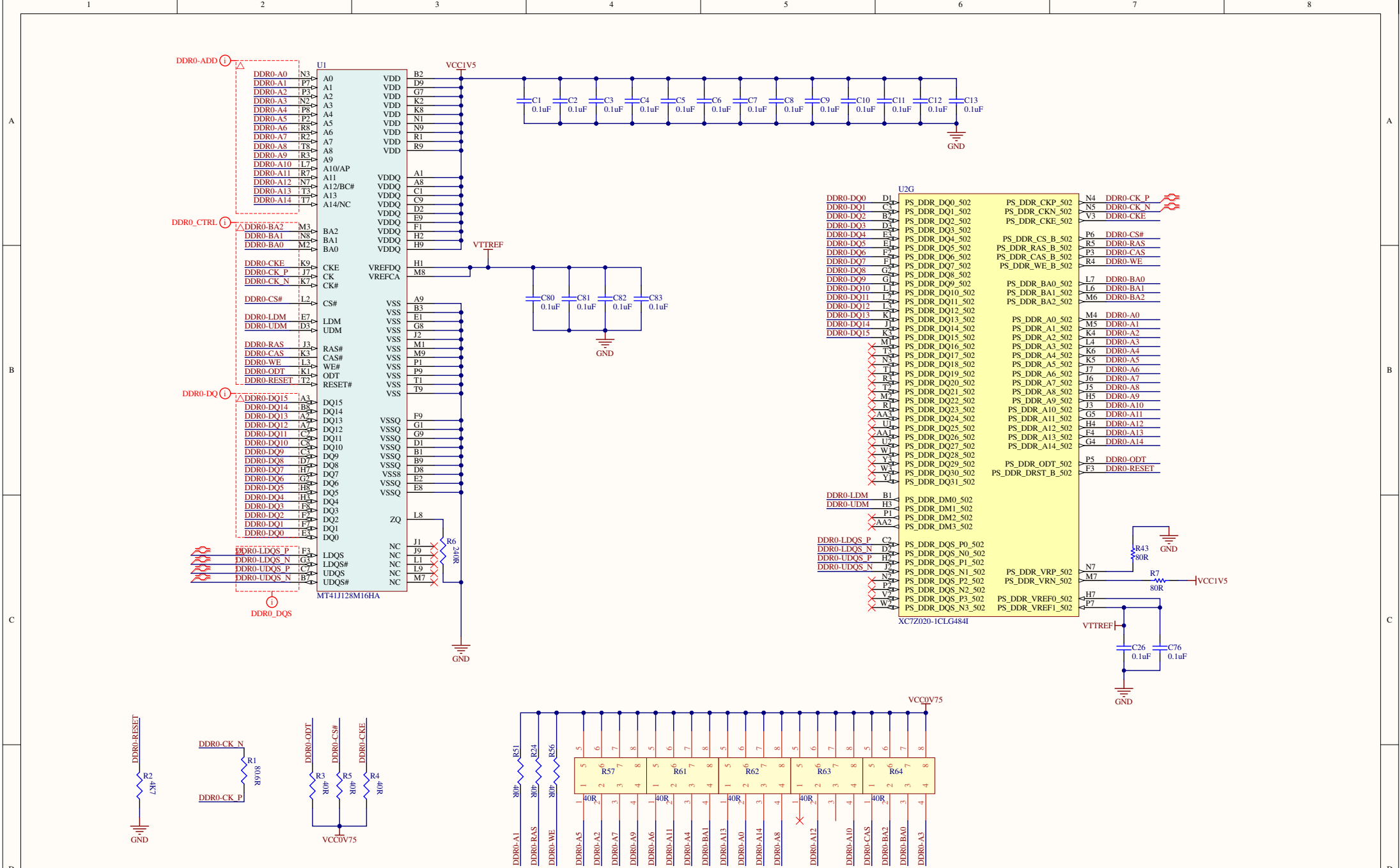


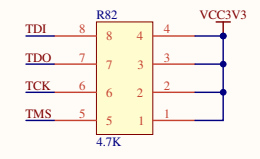
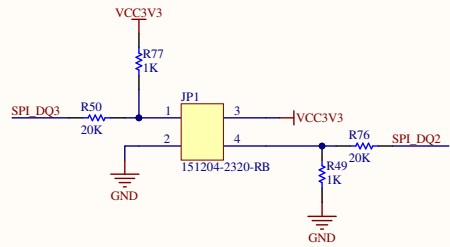
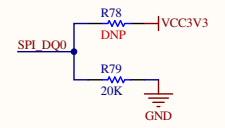
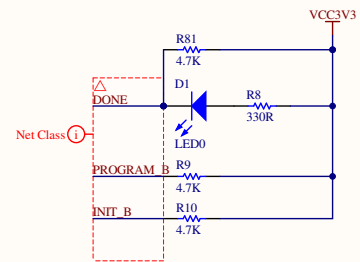
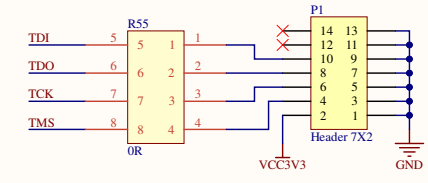
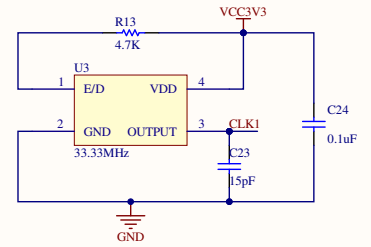
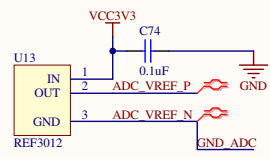
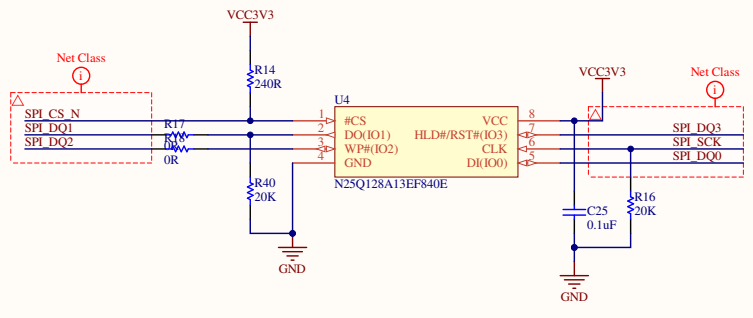
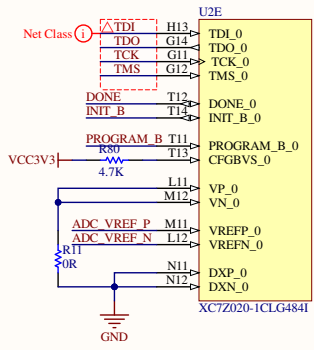
PowerSupply.SchDoc

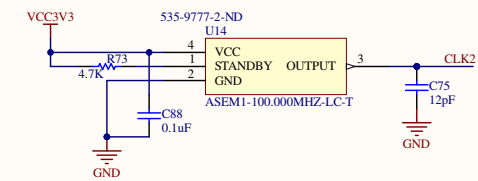
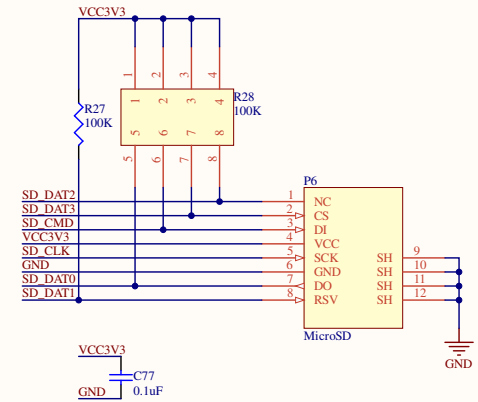
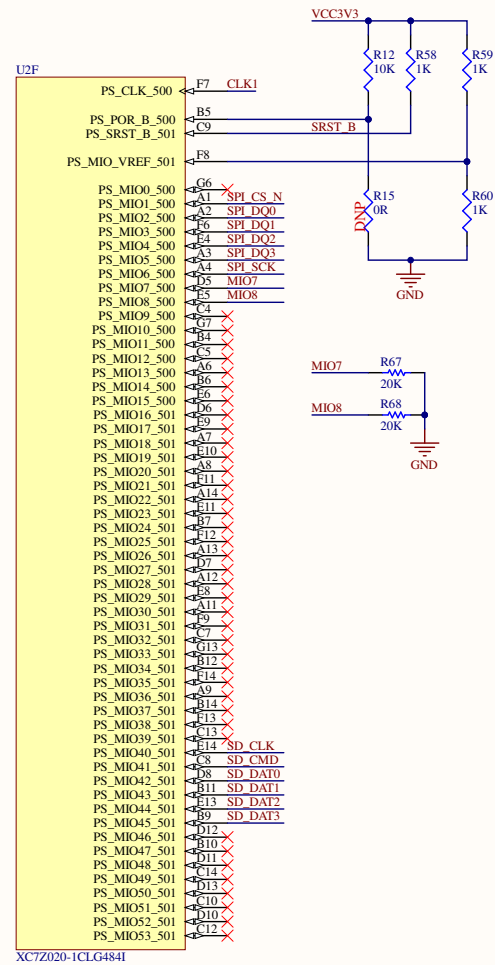
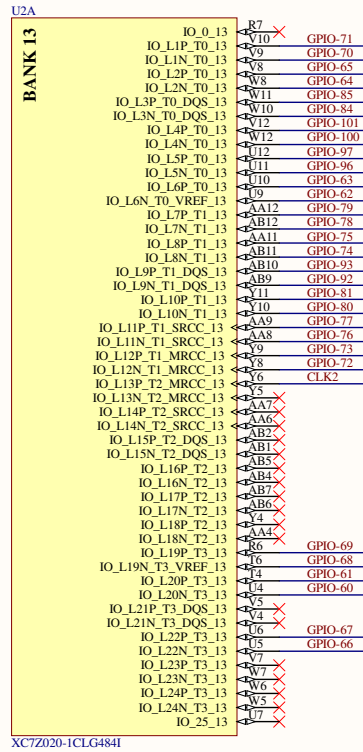


GPIO.SchDoc









U2D

| BANK 35 | |
|-------------------------|--------------|
| IO_0_35 | H17 |
| IO_L1P_T0_AD0P_35 | F16 GPIO-141 |
| IO_L1N_T0_AD0N_35 | F16 GPIO-140 |
| IO_L2P_T0_AD8P_35 | F16 GPIO-145 |
| IO_L2N_T0_AD8N_35 | D17 GPIO-144 |
| IO_L3P_T0_DQS_AD1P_35 | E15 |
| IO_L3N_T0_DQS_AD1N_35 | D15 |
| IO_L4P_T0_35 | G15 GPIO-39 |
| IO_L4N_T0_35 | G16 GPIO-38 |
| IO_L5P_T0_AD9P_35 | F18 GPIO-35 |
| IO_L5N_T0_AD9N_35 | F18 GPIO-34 |
| IO_L6P_T0_35 | G17 GPIO-147 |
| IO_L6N_T0_VREF_35 | F17 GPIO-146 |
| IO_L7P_T1_AD2P_35 | C15 GPIO-143 |
| IO_L7N_T1_AD2N_35 | B15 GPIO-142 |
| IO_L8P_T1_AD10P_35 | B16 GPIO-31 |
| IO_L8N_T1_AD10N_35 | B17 GPIO-30 |
| IO_L9P_T1_DQS_AD3P_35 | A16 GPIO-33 |
| IO_L9N_T1_DQS_AD3N_35 | A17 GPIO-32 |
| IO_L10P_T1_AD11P_35 | A18 GPIO-29 |
| IO_L10N_T1_AD11N_35 | A19 GPIO-28 |
| IO_L11P_T1_SRCC_35 | C17 GPIO-27 |
| IO_L11N_T1_SRCC_35 | C18 GPIO-26 |
| IO_L12P_T1_MRCC_35 | D18 GPIO-23 |
| IO_L12N_T1_MRCC_35 | C19 GPIO-22 |
| IO_L13P_T2_MRCC_35 | B19 GPIO-25 |
| IO_L13N_T2_MRCC_35 | B20 GPIO-24 |
| IO_L14P_T2_AD4P_SRCC_35 | C20 GPIO-19 |
| IO_L14N_T2_AD4N_SRCC_35 | C20 GPIO-18 |
| IO_L15P_T2_DQS_AD12P_35 | A21 GPIO-15 |
| IO_L15N_T2_DQS_AD12N_35 | A22 GPIO-14 |
| IO_L16P_T2_35 | D22 GPIO-17 |
| IO_L16N_T2_35 | C22 GPIO-16 |
| IO_L17P_T2_AD5P_35 | B21 GPIO-41 |
| IO_L17N_T2_AD5N_35 | B21 GPIO-40 |
| IO_L18P_T2_AD13P_35 | B21 GPIO-21 |
| IO_L18N_T2_AD13N_35 | B22 GPIO-20 |
| IO_L19P_T3_35 | H19 GPIO-9 |
| IO_L19N_T3_VREF_35 | H20 GPIO-8 |
| IO_L20P_T3_AD6P_35 | G19 GPIO-37 |
| IO_L20N_T3_AD6N_35 | F19 GPIO-36 |
| IO_L21P_T3_DQS_AD14P_35 | E19 GPIO-11 |
| IO_L21N_T3_DQS_AD14N_35 | E20 GPIO-10 |
| IO_L22P_T3_AD7P_35 | G21 GPIO-7 |
| IO_L22N_T3_AD7N_35 | G21 GPIO-6 |
| IO_L23P_T3_35 | F21 GPIO-13 |
| IO_L23N_T3_35 | F22 GPIO-12 |
| IO_L24P_T3_AD15P_35 | H22 GPIO-5 |
| IO_L24N_T3_AD15N_35 | G22 GPIO-4 |
| IO_25_35 | H18 |

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U2B

| BANK 33 | |
|--------------------|----------------|
| IO_0_33 | U19 |
| IO_L1P_T0_33 | F21 FTDL-D1 |
| IO_L1N_T0_33 | F21 FTDL-D3 |
| IO_L2P_T0_33 | F22 FTDL-D0 |
| IO_L2N_T0_33 | F22 FTDL-D2 |
| IO_L3P_T0_DQS_33 | V22 FTDL-D4 |
| IO_L3N_T0_DQS_33 | W22 FTDL-D5 |
| IO_L4P_T0_33 | W20 FTDL-RXF# |
| IO_L4N_T0_33 | W21 FTDL-WRF# |
| IO_L5P_T0_33 | U20 FTDL-OE# |
| IO_L5N_T0_33 | V20 FTDL-SIWUA |
| IO_L6P_T0_33 | V18 GPIO-119 |
| IO_L6N_T0_VREF_33 | V19 GPIO-118 |
| IO_L7P_T1_33 | AA22FTDL-D6 |
| IO_L7N_T1_33 | AB22FTDL-D7 |
| IO_L8P_T1_33 | AA21GPIO-111 |
| IO_L8N_T1_33 | AB21GPIO-110 |
| IO_L9P_T1_DQS_33 | C20 FTDL-RD# |
| IO_L9N_T1_DQS_33 | C21 FTDL-TXE# |
| IO_L10P_T1_33 | B19GPIO-107 |
| IO_L10N_T1_33 | AB20GPIO-106 |
| IO_L11P_T1_SRCC_33 | C19 GPIO-103 |
| IO_L11N_T1_SRCC_33 | AA19GPIO-102 |
| IO_L12P_T1_MRCC_33 | F18 GPIO-99 |
| IO_L12N_T1_MRCC_33 | AA18GPIO-98 |
| IO_L13P_T2_MRCC_33 | W17 GPIO-115 |
| IO_L13N_T2_MRCC_33 | W18 GPIO-114 |
| IO_L14P_T2_SRCC_33 | W16 GPIO-113 |
| IO_L14N_T2_SRCC_33 | V16 GPIO-112 |
| IO_L15P_T2_DQS_33 | U15 GPIO-55 |
| IO_L15N_T2_DQS_33 | U16 GPIO-54 |
| IO_L16P_T2_33 | U17 GPIO-109 |
| IO_L16N_T2_33 | V17 GPIO-108 |
| IO_L17P_T2_33 | AA17GPIO-95 |
| IO_L17N_T2_33 | AB17GPIO-94 |
| IO_L18P_T2_33 | AA16GPIO-91 |
| IO_L18N_T2_33 | AB16GPIO-90 |
| IO_L19P_T3_33 | V14 GPIO-59 |
| IO_L19N_T3_VREF_33 | V15 GPIO-58 |
| IO_L20P_T3_33 | V13 GPIO-105 |
| IO_L20N_T3_33 | W13 GPIO-104 |
| IO_L21P_T3_DQS_33 | W15 GPIO-117 |
| IO_L21N_T3_DQS_33 | V15 GPIO-116 |
| IO_L22P_T3_33 | G14 GPIO-89 |
| IO_L22N_T3_33 | AA14GPIO-88 |
| IO_L23P_T3_33 | V13 GPIO-83 |
| IO_L23N_T3_33 | AA13GPIO-82 |
| IO_L24P_T3_33 | AB14GPIO-87 |
| IO_L24N_T3_33 | AB15GPIO-86 |
| IO_25_33 | U14 |

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U2C

| BANK 34 | |
|-------------------------|-----------------|
| IO_0_34 | H15 |
| IO_L1P_T0_34 | F15 GPIO-47 |
| IO_L1N_T0_34 | K15 GPIO-46 |
| IO_L2P_T0_34 | F16 GPIO-43 |
| IO_L2N_T0_34 | F17 GPIO-42 |
| IO_L3P_T0_DQS_PUDC_B_34 | K16 PUDC_B |
| IO_L3N_T0_DQS_34 | L16 |
| IO_L4P_T0_34 | F17 GPIO-51 |
| IO_L4N_T0_34 | M17 GPIO-50 |
| IO_L5P_T0_34 | N17 GPIO-131 |
| IO_L5N_T0_34 | N18 GPIO-130 |
| IO_L6P_T0_34 | M15 GPIO-49 |
| IO_L6N_T0_VREF_34 | M16 GPIO-48 |
| IO_L7P_T1_34 | I18 GPIO-149 |
| IO_L7N_T1_34 | K18 GPIO-148 |
| IO_L8P_T1_34 | J21 GPIO-1 |
| IO_L8N_T1_34 | J22 GPIO-0 |
| IO_L9P_T1_DQS_34 | J20 GPIO-121 |
| IO_L9N_T1_DQS_34 | K21 GPIO-120 |
| IO_L10P_T1_34 | L21 GPIO-3 |
| IO_L10N_T1_34 | L22 GPIO-2 |
| IO_L11P_T1_SRCC_34 | K19 GPIO-53 |
| IO_L11N_T1_SRCC_34 | K20 GPIO-52 |
| IO_L12P_T1_MRCC_34 | L18 FTDL-CLKOUT |
| IO_L12N_T1_MRCC_34 | L19 |
| IO_L13P_T2_MRCC_34 | M19 GPIO-139 |
| IO_L13N_T2_MRCC_34 | M20 GPIO-138 |
| IO_L14P_T2_SRCC_34 | N19 GPIO-135 |
| IO_L14N_T2_SRCC_34 | N20 GPIO-134 |
| IO_L15P_T2_DQS_34 | M21 GPIO-137 |
| IO_L15N_T2_DQS_34 | M22 GPIO-136 |
| IO_L16P_T2_34 | N22 GPIO-133 |
| IO_L16N_T2_34 | P22 GPIO-132 |
| IO_L17P_T2_34 | K20 GPIO-125 |
| IO_L17N_T2_34 | R21 GPIO-124 |
| IO_L18P_T2_34 | P20 GPIO-129 |
| IO_L18N_T2_34 | P21 GPIO-128 |
| IO_L19P_T3_34 | N15 GPIO-123 |
| IO_L19N_T3_VREF_34 | P15 GPIO-122 |
| IO_L20P_T3_34 | P17 GPIO-45 |
| IO_L20N_T3_34 | P18 GPIO-44 |
| IO_L21P_T3_DQS_34 | H16 |
| IO_L21N_T3_DQS_34 | F17 |
| IO_L22P_T3_34 | R19 GPIO-57 |
| IO_L22N_T3_34 | T19 GPIO-56 |
| IO_L23P_T3_34 | R18 |
| IO_L23N_T3_34 | F18 |
| IO_L24P_T3_34 | P16 GPIO-127 |
| IO_L24N_T3_34 | R16 GPIO-126 |
| IO_25_34 | R15 |

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