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*PADS-PCB*
*NET*
*SIGNAL* CLK1N_1
 CNA.12 J2.1 U1.AC17
*SIGNAL* CLK1P_1
 CNA.11 J1.1 U1.AB17
*SIGNAL* CLK2N_1
 CNB.12 U1.AD11
*SIGNAL* CLK2P_1
 CNB.11 U1.AD12
*SIGNAL* CX0_2

 R23.2 U9.3
*SIGNAL* CX1_2
 R24.2 U10.3
*SIGNAL* FMCK_2
 U1.H25 U8.6 U13.6
*SIGNAL* FMCS0_2
 RM3.2 U1.G26 U13.1
*SIGNAL* FMCS1_2
 RM3.1 U1.G25
 U8.1
*SIGNAL* FMD_2
 U1.H26 U8.5 U13.5
*SIGNAL* FMHOLD_2
 U1.H24 U8.7 U13.7
*SIGNAL* FMQ_2
 U1.G24 U8.2 U13.2
*SIGNAL* FMWP0_2
 RM3.4 U1.F26
 U13.3
*SIGNAL* FMWP1_2
 RM3.3 U1.F24 U8.3
*SIGNAL* GCLK0_2
 R23.1 U1.B15
*SIGNAL* GCLK1_2
 R24.1 U1.C15
*SIGNAL* GND
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 C6.2 C7.2 C8.2 C9.2 C10.2 C11.2 C12.2 C13.2 C14.2 CN1.2 CN2.5 CN3.1 CN3.7
 CNA.G CNB.G CNC.G CND.G D1.1 FC1.2 FC2.2 FC3.2 FC4.2 FC5.2 FC6.2 FC7.2
 FC8.2 FC9.2 FC10.2 FC11.2 FC12.2 FC13.2 FC14.2 FC15.2 FC16.2 FC17.2 FC18.2
 FC19.2 FC20.2 FC21.2 FC22.2 FC23.2 FC24.2 FC25.2 FC26.2 FC27.2 FC28.2
 FC29.2 FC30.2 FC31.2 FC32.2 FC33.2 FC34.2 FC35.2 FC36.2 FC38.2 FC39.2
 FC40.2 FC41.2 FC42.2 FC43.2 FC44.2 FC45.2 FC46.2 FC47.2 FC48.2 R5.2 R7.1
 R9.1 R12.1 R14.1 R16.1 R18.1 R19.1 R21.1 RM2.1 RM2.2 RM2.3 RM4.5 SW1.9
 SW1.10 SW1.11 SW1.12 SW1.13 SW1.14 SW1.15 SW1.16 TPG1.1 TPG2.1 U1.A2
 U1.A13 U1.A14 U1.A25 U1.AA6 U1.AA21 U1.AB12 U1.AB15 U1.AD9 U1.AD18 U1.AD24
 U1.AE1 U1.AE2 U1.AE15 U1.AE16 U1.AE17 U1.AE25 U1.AE26 U1.AF2 U1.AF13
 U1.AF14 U1.AF15 U1.AF16 U1.AF25 U1.B1 U1.B2 U1.B25 U1.B26 U1.C3 U1.C9
 U1.C18 U1.E12 U1.E15 U1.F6 U1.F21 U1.J3 U1.J13 U1.J14 U1.J24 U1.K11 U1.K12
 U1.K13 U1.K14 U1.K15 U1.K16 U1.L12 U1.L13 U1.L14 U1.L15 U1.M10 U1.M11
 U1.M13 U1.M14 U1.M16 U1.M17 U1.N6 U1.N10 U1.N11 U1.N12 U1.N13 U1.N14
 U1.N15 U1.N16 U1.N17 U1.N26 U1.P1 U1.P10 U1.P11 U1.P12 U1.P13 U1.P14
 U1.P15 U1.P16 U1.P17 U1.P21 U1.R10 U1.R11 U1.R13 U1.R14 U1.R16 U1.R17
 U1.T12 U1.T13 U1.T14 U1.T15 U1.U11 U1.U12 U1.U13 U1.U14 U1.U15 U1.U16
 U1.V3 U1.V13 U1.V14 U1.V24 U2.3 U3.5 U3.6 U3.7 U3.8 U4.2 U5.2 U7.2 U7.7
 U7.17 U7.23 U7.31 U7.36 U7.46 U8.4 U9.2 U10.2 U11.6 U11.12 U11.28 U11.41
 U11.46 U11.52 U11.54 U12.2 U13.4
*SIGNAL* HSWAP_EN_1
 RM7.10 SW1.7 U1.G16
*SIGNAL* IOA0_1
 CNA.17 U1.L7
*SIGNAL* IOA1_1
 CNA.19
 U1.L8
*SIGNAL* IOA2_1
 CNA.21 U1.J5
*SIGNAL* IOA3_1
 CNA.23 U1.J6
*SIGNAL* IOA4_1
 CNA.25 U1.J7
*SIGNAL* IOA5_1
 CNA.27 U1.G7
*SIGNAL* IOA6_1
 CNA.29 U1.G8
*SIGNAL* IOA7_1

 CNA.31 U1.G9
*SIGNAL* IOA8_1
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CNA. 33 U1. G10
*SIGNAL* IOA9_1
CNA. 35 U1. E4
*SIGNAL* IOA10_1
CNA. 37 U1. E5
*SIGNAL* IOA11_1
CNA. 39 U1. E6
*SIGNAL* IOA12_1
CNA. 41
U1. E7
*SIGNAL* IOA13_1
CNA. 43 U1. E9
*SIGNAL* IOA14_1
CNA. 45 U1. E10
*SIGNAL* IOA15_1
CNA. 47 U1. C2
*SIGNAL* IOA16_1
CNA. 49 U1. C4
*SIGNAL* IOA17_1
CNA. 51 U1. C5
*SIGNAL* IOA18_1

CNA. 53 U1. C6
*SIGNAL* IOA19_1
CNA. 55 U1. C7
*SIGNAL* IOA20_1
CNA. 57 U1. C8
*SIGNAL* IOA21_1
CNA. 59 U1. C10
*SIGNAL* IOA22_1
CNA. 61 U1. D11
*SIGNAL* IOA23_1
CNA. 63
U1. D12
*SIGNAL* IOA24_1
CNA. 65 U1. A3
*SIGNAL* IOA25_1
CNA. 67 U1. A4
*SIGNAL* IOA26_1
CNA. 69 U1. A5
*SIGNAL* IOA27_1
CNA. 71 U1. A6
*SIGNAL* IOA28_1
CNA. 73 U1. A7
*SIGNAL* IOA29_1

CNA. 75 U1. A8
*SIGNAL* IOA30_1
CNA. 77 U1. A9
*SIGNAL* IOA31_1
CNA. 79 U1. A10
*SIGNAL* IOA32_1
CNA. 18 TP3. 1 U1. L6
*SIGNAL* IOA33_1
CNA. 20 TP2. 1
U1. K4
*SIGNAL* IOA34_1
CNA. 22 U1. K5
*SIGNAL* IOA35_1
CNA. 24 U1. K6
*SIGNAL* IOA36_1
CNA. 26 U1. K7
*SIGNAL* IOA37_1
CNA. 28 U1. H4
*SIGNAL* IOA38_1
CNA. 30 U1. H5
*SIGNAL* IOA39_1

CNA. 32 U1. H6
*SIGNAL* IOA40_1
CNA. 34 U1. H7
*SIGNAL* IOA41_1
CNA. 36 U1. H8
*SIGNAL* IOA42_1
CNA. 38 U1. F7
*SIGNAL* IOA43_1
CNA. 40 U1. F8
*SIGNAL* IOA44_1
CNA. 42
U1. F9
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*SIGNAL* IOA45_1
 CNA.44 U1.F10
*SIGNAL* IOA46_1
 CNA.46 U1.F11
*SIGNAL* IOA47_1
 CNA.48 U1.F12
*SIGNAL* IOA48_1
 CNA.50 U1.F13
*SIGNAL* IOA49_1
 CNA.52 U1.D4
*SIGNAL* IOA50_1

 CNA.54 U1.D6
*SIGNAL* IOA51_1
 CNA.56 U1.D8
*SIGNAL* IOA52_1
 CNA.58 U1.D9
*SIGNAL* IOA53_1
 CNA.60 U1.D10
*SIGNAL* IOA54_1
 CNA.62 U1.E13
*SIGNAL* IOA55_1
 CNA.64
 U1.B3
*SIGNAL* IOA56_1
 CNA.66 U1.B4
*SIGNAL* IOA57_1
 CNA.68 U1.B6
*SIGNAL* IOA58_1
 CNA.70 U1.B7
*SIGNAL* IOA59_1
 CNA.72 U1.B9
*SIGNAL* IOA60_1
 CNA.74 U1.B10
*SIGNAL* IOA61_1

 CNA.76 U1.C11
*SIGNAL* IOA62_1
 CNA.78 U1.C12
*SIGNAL* IOA63_1
 CNA.80 U1.B13
*SIGNAL* IOA64_1
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*SIGNAL* IOA65_1
 CNC.19 U1.M6
*SIGNAL* IOA66_1
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 U1.M7
*SIGNAL* IOA67_1
 CNC.23 U1.M8
*SIGNAL* IOA68_1
 CNC.25 U1.N5
*SIGNAL* IOA69_1
 CNC.27 U1.N7
*SIGNAL* IOA70_1
 CNC.29 U1.N8
*SIGNAL* IOA71_1
 CNC.31 U1.P7
*SIGNAL* IOA72_1

 CNC.33 U1.T8
*SIGNAL* IOA73_1
 CNC.35 U1.T7
*SIGNAL* IOA74_1
 CNC.37 U1.T6
*SIGNAL* IOA75_1
 CNC.39 U1.T4
*SIGNAL* IOA76_1
 CNC.41 U1.A15
*SIGNAL* IOA77_1
 CNC.43
 U1.A16
*SIGNAL* IOA78_1
 CNC.45 U1.A17
*SIGNAL* IOA79_1
 CNC.47 U1.A18
*SIGNAL* IOA80_1
 CNC.49 U1.A19
*SIGNAL* IOA81_1
 CNC.51 U1.A20
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 U1.A21
*SIGNAL* IOA83_1
 CNC.55 U1.A22
*SIGNAL* IOA84_1
 CNC.57 U1.A23
*SIGNAL* IOA85_1
 CNC.59 U1.A24
*SIGNAL* IOA86_1
 CNC.61 U1.C16
*SIGNAL* IOA87_1
 CNC.63
 U1.C17
*SIGNAL* IOA88_1
 CNC.65 U1.C19
*SIGNAL* IOA89_1
 CNC.67 U1.C20
*SIGNAL* IOA90_1
 CNC.69 U1.C21
*SIGNAL* IOA91_1
 CNC.71 U1.C22
*SIGNAL* IOA92_1
 CNC.73
 U1.C23
*SIGNAL* IOA93_1
 CNC.75 U1.C24
*SIGNAL* IOA94_1
 CNC.77 U1.C26
*SIGNAL* IOA95_1
 CNC.79 U1.E21
*SIGNAL* IOA96_1
 CNC.81 U1.E20
*SIGNAL* IOA97_1
 CNC.83
 U1.E18
*SIGNAL* IOA98_1
 CNC.85 U1.E17
*SIGNAL* IOA99_1
 CNC.87 U1.E14
*SIGNAL* IOA100_1
 CNC.89 U1.F16
*SIGNAL* IOA101_1
 CNC.91 U1.F15
*SIGNAL* IOA102_1
 CNC.93
 U1.F14
*SIGNAL* IOA103_1
 CNC.95 U1.E22
*SIGNAL* IOA104_1
 CNC.97 TP5.1 U1.E23
*SIGNAL* IOA105_1
 CNC.99 TP4.1 U1.E24
*SIGNAL* IOA106_1
 CNC.18 U1.P4
*SIGNAL* IOA107_1

 CNC.20 U1.P5
*SIGNAL* IOA108_1
 CNC.22 U1.P6
*SIGNAL* IOA109_1
 CNC.24 U1.R8
*SIGNAL* IOA110_1
 CNC.26 U1.P8
*SIGNAL* IOA111_1
 CNC.28 U1.R7
*SIGNAL* IOA112_1
 CNC.30
 U1.R4
*SIGNAL* IOA113_1
 CNC.32 U1.U7
*SIGNAL* IOA114_1
 CNC.34 U1.U6
*SIGNAL* IOA115_1
 CNC.36 U1.U5
*SIGNAL* IOA116_1
 CNC.38 U1.B17
*SIGNAL* IOA117_1
 CNC.40 U1.B18
*SIGNAL* IOA118_1
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 CNC. 42 U1. B20
*SIGNAL* IOA119_1
 CNC. 44 U1. B21
*SIGNAL* IOA120_1
 CNC. 46 U1. B23
*SIGNAL* IOA121_1
 CNC. 48 U1. B24
*SIGNAL* IOA122_1
 CNC. 50 U1. D14
*SIGNAL* IOA123_1

 CNC. 52 U1. D15
*SIGNAL* IOA124_1
 CNC. 54 U1. D16
*SIGNAL* IOA125_1
 CNC. 56 U1. D17
*SIGNAL* IOA126_1
 CNC. 58 U1. D18
*SIGNAL* IOA127_1
 CNC. 60 U1. D20
*SIGNAL* IOA128_1

 CNC. 62 U1. D22
*SIGNAL* IOA129_1
 CNC. 64 U1. D23
*SIGNAL* IOA130_1
 CNC. 66 U1. D24
*SIGNAL* IOA131_1
 CNC. 68 U1. D25
*SIGNAL* IOA132_1
 CNC. 70 U1. D26
*SIGNAL* IOA133_1

 CNC. 72 U1. E25
*SIGNAL* IOA134_1
 CNC. 74 U1. E26
*SIGNAL* IOA135_1
 CNC. 76 U1. F17
*SIGNAL* IOA136_1
 CNC. 78 U1. F18
*SIGNAL* IOA137_1
 CNC. 80 U1. F23
*SIGNAL* IOA138_1

 CNC. 82 U1. F20
*SIGNAL* IOA139_1
 CNC. 84 U1. F19
*SIGNAL* IOA140_1
 CNC. 86 U1. G17
*SIGNAL* IOA141_1
 CNC. 88 U1. G18
*SIGNAL* IOA142_1
 CNC. 90 U1. G19
*SIGNAL* IOA143_1

 CNC. 92 U1. G20
*SIGNAL* IOA144_1
 CNC. 94 U1. H20
*SIGNAL* IOA145_1
 CNC. 96 U1. H21
*SIGNAL* IOA146_1
 CNC. 98 U1. H22
*SIGNAL* IOA147_1
 CNC. 100 U1. H23
*SIGNAL* IOC0_1

 CNB. 17 TP7. 1 U1. W1
*SIGNAL* IOC1_1
 CNB. 19 TP6. 1 U1. W2
*SIGNAL* IOC2_1
 CNB. 21 U1. W4
*SIGNAL* IOC3_1
 CNB. 23 U1. W5
*SIGNAL* IOC4_1
 CNB. 25
 U1. W6
*SIGNAL* IOC5_1
 CNB. 27 U1. W7
*SIGNAL* IOC6_1
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 CNB. 29 U1. AA1
*SIGNAL* IOC7_1
 CNB. 31 U1. AA3
*SIGNAL* IOC8_1
 CNB. 33 U1. AA4
*SIGNAL* IOC9_1
 CNB. 35 U1. AA7
*SIGNAL* IOC10_1

 CNB. 37 U1. AA8
*SIGNAL* IOC11_1
 CNB. 39 U1. AA9
*SIGNAL* IOC12_1
 CNB. 41 U1. AA10
*SIGNAL* IOC13_1
 CNB. 43 U1. AC1
*SIGNAL* IOC14_1
 CNB. 45 U1. AC2
*SIGNAL* IOC15_1

 CNB. 47 U1. AC3
*SIGNAL* IOC16_1
 CNB. 49 U1. AC4
*SIGNAL* IOC17_1
 CNB. 51 U1. AC5
*SIGNAL* IOC18_1
 CNB. 53 U1. AC6
*SIGNAL* IOC19_1
 CNB. 55 U1. AC7
*SIGNAL* IOC20_1

 CNB. 57 U1. AC8
*SIGNAL* IOC21_1
 CNB. 59 U1. AC9
*SIGNAL* IOC22_1
 CNB. 61 U1. AC10
*SIGNAL* IOC23_1
 CNB. 63 U1. AD8
*SIGNAL* IOC24_1
 CNB. 65 U1. AE3
*SIGNAL* IOC25_1

 CNB. 67 U1. AE4
*SIGNAL* IOC26_1
 CNB. 69 U1. AE6
*SIGNAL* IOC27_1
 CNB. 71 U1. AE9
*SIGNAL* IOC28_1
 CNB. 73 U1. AE10
*SIGNAL* IOC29_1
 CNB. 75 U1. AE12
*SIGNAL* IOC30_1

 CNB. 77 U1. AE13
*SIGNAL* IOC31_1
 CNB. 79 U1. AE14
*SIGNAL* IOC32_1
 CNB. 18 U1. Y1
*SIGNAL* IOC33_1
 CNB. 20 U1. Y2
*SIGNAL* IOC34_1
 CNB. 22 U1. Y3
*SIGNAL* IOC35_1

 CNB. 24 U1. Y4
*SIGNAL* IOC36_1
 CNB. 26 U1. Y5
*SIGNAL* IOC37_1
 CNB. 28 U1. Y6
*SIGNAL* IOC38_1
 CNB. 30 U1. Y8
*SIGNAL* IOC39_1
 CNB. 32 U1. Y9
*SIGNAL* IOC40_1
 CNB. 34
 U1. Y10
*SIGNAL* IOC41_1
 CNB. 36 U1. AB1
*SIGNAL* IOC42_1
 CNB. 38 U1. AB3
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*SIGNAL* IOC43_1
 CNB.40 U1.AB4
*SIGNAL* IOC44_1
 CNB.42 U1.AB5
*SIGNAL* IOC45_1
 CNB.44
 U1.AB6
*SIGNAL* IOC46_1
 CNB.46 U1.AB9
*SIGNAL* IOC47_1
 CNB.48 U1.AB10
*SIGNAL* IOC48_1
 CNB.50 U1.AD1
*SIGNAL* IOC49_1
 CNB.52 U1.AD2
*SIGNAL* IOC50_1
 CNB.54
 U1.AD3
*SIGNAL* IOC51_1
 CNB.56 U1.AD4
*SIGNAL* IOC52_1
 CNB.58 U1.AD5
*SIGNAL* IOC53_1
 CNB.60 U1.AD6
*SIGNAL* IOC54_1
 CNB.62 U1.AD10
*SIGNAL* IOC55_1
 CNB.64
 U1.AF3
*SIGNAL* IOC56_1
 CNB.66 U1.AF4
*SIGNAL* IOC57_1
 CNB.68 U1.AF5
*SIGNAL* IOC58_1
 CNB.70 U1.AF6
*SIGNAL* IOC59_1
 CNB.72 U1.AF7
*SIGNAL* IOC60_1
 CNB.74
 U1.AF8
*SIGNAL* IOC61_1
 CNB.76 U1.AF9
*SIGNAL* IOC62_1
 CNB.78 U1.AF11
*SIGNAL* IOC63_1
 CNB.80 U1.AF12
*SIGNAL* IOD0_1
 CND.17 U1.AE18
*SIGNAL* IOD1_1
 CND.19
 U1.AE21
*SIGNAL* IOD2_1
 CND.21 U1.AE23
*SIGNAL* IOD3_1
 CND.23 U1.AE24
*SIGNAL* IOD4_1
 CND.25 U1.T19
*SIGNAL* IOD5_1
 CND.27 U1.T20
*SIGNAL* IOD6_1
 CND.29
 U1.Y25
*SIGNAL* IOD7_1
 CND.31 U1.AD19
*SIGNAL* IOD8_1
 CND.33 U1.AC19
*SIGNAL* IOD9_1
 CND.35 U1.AD21
*SIGNAL* IOD10_1
 CND.37 U1.AC25
*SIGNAL* IOD11_1
 CND.39
 U1.AC26
*SIGNAL* IOD12_1
 CND.41 U1.AA17
*SIGNAL* IOD13_1
 CND.43 U1.AA18
*SIGNAL* IOD14_1
 CND.45 U1.AA19
*SIGNAL* IOD15_1
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 CND.47 U1.AA20
*SIGNAL* IOD16_1
 CND.49
 U1.AA23
*SIGNAL* IOD17_1
 CND.51 U1.Y24
*SIGNAL* IOD18_1
 CND.53 U1.AA26
*SIGNAL* IOD19_1
 CND.55 U1.W19
*SIGNAL* IOD20_1
 CND.57 U1.W20
*SIGNAL* IOD21_1
 CND.59
 U1.W21
*SIGNAL* IOD22_1
 CND.61 U1.W22
*SIGNAL* IOD23_1
 CND.63 U1.W23
*SIGNAL* IOD24_1
 CND.65 U1.W25
*SIGNAL* IOD25_1
 CND.67 U1.W26
*SIGNAL* IOD26_1
 CND.69
 U1.U20
*SIGNAL* IOD27_1
 CND.71 U1.U21
*SIGNAL* IOD28_1
 CND.73 U1.U22
*SIGNAL* IOD29_1
 CND.75 U1.U23
*SIGNAL* IOD30_1
 CND.77 U1.U25
*SIGNAL* IOD31_1
 CND.79
 U1.U26
*SIGNAL* IOD32_1
 CND.81 U1.R19
*SIGNAL* IOD33_1
 CND.83 U1.R20
*SIGNAL* IOD34_1
 CND.85 U1.P19
*SIGNAL* IOD35_1
 CND.87 U1.R23
*SIGNAL* IOD36_1
 CND.89
 U1.R24
*SIGNAL* IOD37_1
 CND.91 U1.R26
*SIGNAL* IOD38_1
 CND.93 U1.P20
*SIGNAL* IOD39_1
 CND.95 U1.P22
*SIGNAL* IOD40_1
 CND.97 U1.P23
*SIGNAL* IOD41_1
 CND.99
 U1.P24
*SIGNAL* IOD42_1
 CND.18 U1.AF18
*SIGNAL* IOD43_1
 CND.20 U1.AF19
*SIGNAL* IOD44_1
 CND.22 U1.AF20
*SIGNAL* IOD45_1
 CND.24 U1.AF21
*SIGNAL* IOD46_1
 CND.26
 U1.AF22
*SIGNAL* IOD47_1
 CND.28 U1.AF23
*SIGNAL* IOD48_1
 CND.30 U1.AF24
*SIGNAL* IOD49_1
 CND.32 U1.Y19
*SIGNAL* IOD50_1
 CND.34 U1.Y17
*SIGNAL* IOD51_1
 CND.36
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```
 U1.Y18
*SIGNAL* IOD52_1
 CND.38 U1.AB18
*SIGNAL* IOD53_1
 CND.40 U1.AD25
*SIGNAL* IOD54_1
 CND.42 U1.AD26
*SIGNAL* IOD55_1
 CND.44 U1.AC18
*SIGNAL* IOD56_1
 CND.46
 U1.AB20
*SIGNAL* IOD57_1
 CND.48 U1.AB21
*SIGNAL* IOD58_1
 CND.50 U1.AB22
*SIGNAL* IOD59_1
 CND.52 U1.AB23
*SIGNAL* IOD60_1
 CND.54 U1.AD22
*SIGNAL* IOD61_1
 CND.56
 U1.AD23
*SIGNAL* IOD62_1
 CND.58 U1.AB26
*SIGNAL* IOD63_1
 CND.60 U1.AC22
*SIGNAL* IOD64_1
 CND.62 U1.AC23
*SIGNAL* IOD65_1
 CND.64 U1.AC24
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 CND.66
 U1.Y20
*SIGNAL* IOD67_1
 CND.68 U1.Y22
*SIGNAL* IOD68_1
 CND.70 U1.AC21
*SIGNAL* IOD69_1
 CND.72 U1.AA24
*SIGNAL* IOD70_1
 CND.74 U1.Y26
*SIGNAL* IOD71_1
 CND.76
 U1.AB24
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 CND.78 U1.AB25
*SIGNAL* IOD73_1
 CND.80 U1.V22
*SIGNAL* IOD74_1
 CND.82 U1.V23
*SIGNAL* IOD75_1
 CND.84 U1.V25
*SIGNAL* IOD76_1
 CND.86
 U1.V26
*SIGNAL* IOD77_1
 CND.88 U1.V20
*SIGNAL* IOD78_1
 CND.90 U1.V21
*SIGNAL* IOD79_1
 CND.92 U1.T21
*SIGNAL* IOD80_1
 CND.94 U1.T23
*SIGNAL* IOD81_1
 CND.96
 U1.T24
*SIGNAL* IOD82_1
 CND.98 U1.T26
*SIGNAL* IOD83_1
 CND.100 U1.P25
*SIGNAL* LED0_2
 RM4.6 U1.V4
*SIGNAL* LED1_2
 RM4.8 U1.U4
*SIGNAL* NSDCAS_2
 U1.G2 U11.17
*SIGNAL* NSDCLKE_2

 U1.P3 U11.37
```

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*SIGNAL* NSDCS_2
 U1.H1 U11.19
*SIGNAL* NSDRAS_2
 U1.G4 U11.18
*SIGNAL* NSDWE_2
 U1.G1 U11.16
*SIGNAL* NetJP2_1
 JP2.1 R6.2 U7.9
*SIGNAL* NetLED1_2
 LED1.2
 R5.1
*SIGNAL* NetLED2_2
 LED2.2 RM4.4
*SIGNAL* NetLED3_2
 LED3.2 RM4.3
*SIGNAL* NetLED4_2
 LED4.2 RM4.1
*SIGNAL* NetP1_1
 P1.1 U1.Y16
*SIGNAL* NetP2_1
 P2.1 U1.W13
*SIGNAL* NetP3_1
 P3.1
 U1.G13
*SIGNAL* NetP4_1
 P4.1 U1.H13
*SIGNAL* NetR7_2
 R7.2 U1.R5
*SIGNAL* NetR8_2
 R8.2 U1.R6
*SIGNAL* NetR9_2
 R9.2 U1.G5
*SIGNAL* NetR10_2
 R10.2 U1.G6
*SIGNAL* NetR11_2
 R11.2
 U1.A12
*SIGNAL* NetR12_2
 R12.2 U1.A11
*SIGNAL* NetR13_2
 R13.2 U1.G22
*SIGNAL* NetR14_2
 R14.2 U1.G21
*SIGNAL* NetR15_2
 R15.2 U1.AD7
*SIGNAL* NetR16_2
 R16.2 U1.AD16
*SIGNAL* NetR17_2

 R17.2 U1.AD17
*SIGNAL* NetR18_2
 R18.2 U1.AD20
*SIGNAL* NetR19_2
 R19.2 U1.R21
*SIGNAL* NetR20_2
 R20.2 U1.R22
*SIGNAL* NetR21_2
 R21.2 U1.AE7
*SIGNAL* NetR22_2
 R22.2
 U1.AE20
*SIGNAL* NetRM2_7
 P6.1 RM2.7 U1.G11
*SIGNAL* NetRM2_8
 P5.1 RM2.8 U1.H12
*SIGNAL* NetRM6_1
 CN3.6 RM6.1
*SIGNAL* NetRM6_2
 CN3.4 RM6.2
*SIGNAL* NetRM6_4
 CN3.2
 RM6.4
*SIGNAL* NetTP1_1
 TP1.1 U1.L23
*SIGNAL* NetTP8_1
 TP8.1 U1.L24
*SIGNAL* NetU4_1
 RM5.14 RM6.5 U4.1
*SIGNAL* NetU4_3
 RM5.15 RM6.7 U4.3
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*SIGNAL* NetU5_3
 RM5.16
 RM6.8 U5.3
*SIGNAL* NetU5_6
 CN3.3 RM6.3 RM6.6 U5.6
*SIGNAL* OLD-A_1
 CNA.14 J2.2 U1.C14
*SIGNAL* OLD-B_1
 CNA.13 J1.2 U1.B14
*SIGNAL* OP_BUSY1_1

 U1.Y14 U7.5
*SIGNAL* OP_D0_1
 U1.AD13 U1.G12 U7.28
*SIGNAL* OP_D1_1
 U1.AC13 U7.29
*SIGNAL* OP_D2_1
 U1.AC15 U7.32
*SIGNAL* OP_D3_1
 U1.AC16 U7.33
*SIGNAL* OP_D4_1

 U1.AA11 U7.43
*SIGNAL* OP_D5_1
 U1.AA12 U7.44
*SIGNAL* OP_D6_1
 U1.AD14 U7.47
*SIGNAL* OP_D7_1
 U1.AC14 U7.48
*SIGNAL* REVSEL0_1
 RM7.13 SW1.4 U7.26
*SIGNAL* REVSEL1_1

 RM7.12 SW1.5 U7.27
*SIGNAL* REVSEL2_1
 RM7.11 SW1.6 U7.25
*SIGNAL* SDADD0_2
 U1.J4 U11.23
*SIGNAL* SDADD1_2
 U1.K1 U11.24
*SIGNAL* SDADD2_2
 U1.K2
 U11.25
*SIGNAL* SDADD3_2
 U1.K3 U11.26
*SIGNAL* SDADD4_2
 U1.V2 U11.29
*SIGNAL* SDADD5_2
 U1.V1 U11.30
*SIGNAL* SDADD6_2
 U1.U3 U11.31
*SIGNAL* SDADD7_2
 U1.U1 U11.32
*SIGNAL* SDADD8_2

 U1.T3 U11.33
*SIGNAL* SDADD9_2
 U1.T1 U11.34
*SIGNAL* SDADD10_2
 U1.J2 U11.22
*SIGNAL* SDADD11_2
 U1.R2 U11.35
*SIGNAL* SDADD12_2
 U1.R1 U11.36
*SIGNAL* SDBS0_2
 U1.H2
 U11.20
*SIGNAL* SDBS1_2
 U1.H3 U11.21
*SIGNAL* SDD0_2
 U1.D1 U11.2
*SIGNAL* SDD1_2
 U1.D2 U11.4
*SIGNAL* SDD2_2
 U1.D3 U11.5
*SIGNAL* SDD3_2
 U1.E1 U11.7
*SIGNAL* SDD4_2
 U1.E2
 U11.8
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*SIGNAL* SDD5_2
 U1.E3 U11.10
*SIGNAL* SDD6_2
 U1.F1 U11.11
*SIGNAL* SDD7_2
 U1.F3 U11.13
*SIGNAL* SDD8_2
 U1.N3 U11.42
*SIGNAL* SDD9_2
 U1.N2 U11.44
*SIGNAL* SDD10_2

 U1.M4 U11.45
*SIGNAL* SDD11_2
 U1.M2 U11.47
*SIGNAL* SDD12_2
 U1.M1 U11.48
*SIGNAL* SDD13_2
 U1.L4 U11.50
*SIGNAL* SDD14_2
 U1.L3 U11.51
*SIGNAL* SDD15_2
 U1.L1
 U11.53
*SIGNAL* SDDCLKIN_2
 R25.1 U1.C13 U11.38
*SIGNAL* SDDCLK_2
 R25.2 U1.P2
*SIGNAL* SDLDQM_2
 U1.F4 U11.15
*SIGNAL* SDUDQM_2
 U1.N4 U11.39
*SIGNAL* SW0_1
 RM7.9
 SW1.8 U1.AA16
*SIGNAL* V12
 C5.1 FC11.1 FC12.1 FC13.1 FC14.1 R2.2 U1.J10 U1.J11 U1.J16
 U1.J17 U1.K9 U1.K10 U1.K17 U1.K18 U1.L9 U1.L10 U1.L11 U1.L16 U1.L17 U1.L18
 U1.M12 U1.M15 U1.R12 U1.R15 U1.T9 U1.T10 U1.T11 U1.T16 U1.T17 U1.T18 U1.U9
 U1.U10 U1.U17 U1.U18 U1.V10 U1.V11 U1.V16 U1.V17
*SIGNAL* V120_1
 C13.1 D3.1 R2.1 U3.3 U3.4
*SIGNAL* V18

 C6.1 FC9.1 FC17.1 R3.2 U7.4 U7.15 U7.34
*SIGNAL* V18-ENA_1
 CN1.5 RM1.3 U12.3
*SIGNAL* V18NR_1
 C14.1 U12.4
*SIGNAL* V180_1
 C1.1
 D4.1 R3.1 U12.5
*SIGNAL* V25
 C4.1 FC1.1 FC2.1 FC3.1 FC4.1 FC5.1 FC6.1 FC7.1 FC8.1
 FC10.1 FC16.1 R1.1 R6.1 RM2.5 RM5.1 RM5.2 RM5.3 RM5.4 RM5.5 RM5.6 RM5.7
 RM5.8 RM7.1 RM7.2 RM7.3 RM7.4 RM7.5 RM7.6 RM7.7 RM7.8 U1.AB11 U1.AB16
 U1.AF17 U1.H11 U1.H16 U1.H17 U1.J12 U1.J15 U1.M9 U1.N9 U1.N18 U1.P9 U1.P18
 U1.R18 U1.V12 U1.V15 U1.W10 U1.W11 U1.W16 U4.5 U5.5 U7.8 U7.24 U7.30 U7.38
 U7.45
*SIGNAL* V250_1
 C3.1 D2.1 R1.2 U2.4
*SIGNAL* V33X
 C2.1 C11.1 C12.1 CN1.1 D1.2 D2.2 D3.2 D4.2
 FC15.1 JP1.1 R4.1 RM1.5 RM1.6 RM1.7 RM1.8 U2.2 U3.2 U12.1
*SIGNAL* V33_A
 C7.1 C10.1 CN3.5
 CNA.1 CNA.2 CNA.3 CNA.4 CNC.1 CNC.2 CNC.3 CNC.4 FC18.1 FC19.1 FC20.1
 FC21.1 FC22.1 FC23.1 FC24.1 FC39.1 FC40.1 JP1.2 LED2.1 LED3.1 LED4.1 R8.1
 R10.1 R11.1 R13.1 RM3.5 RM3.6 RM3.7 RM3.8 U1.B5 U1.B8 U1.B11 U1.B16 U1.B19
 U1.B22 U1.E8 U1.E11 U1.E16 U1.E19 U1.F2 U1.F5 U1.F22 U1.F25 U1.H9 U1.H10
 U1.H18 U1.H19 U1.J8 U1.J19 U1.K8 U1.L2 U1.L5 U1.N1 U1.R9 U1.T2 U1.T5 U1.U8
 U8.8 U9.1 U9.4 U10.1 U10.4 U11.1 U11.3 U11.9 U11.14 U11.27 U11.43 U11.49
 U13.8
*SIGNAL* V33_C
 C8.1 CNB.1 CNB.2 CNB.3 CNB.4 FC29.1 FC30.1 FC38.1 FC41.1 FC42.1
 R15.1 R17.1 U1.AA2 U1.AA5 U1.AB8 U1.AD15 U1.AE5 U1.AE8 U1.AE11 U1.V8 U1.W8
 U1.W9
*SIGNAL* V33_D
 C9.1 CND.1 CND.2 CND.3 CND.4 FC33.1 FC34.1 FC45.1 FC46.1 R20.1 R22.1
 U1.AA22 U1.AA25 U1.AB19 U1.AE19 U1.AE22 U1.K19 U1.L22 U1.L25 U1.M18 U1.P26
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 U1.T22 U1.T25 U1.U19 U1.V19 U1.W17 U1.W18
*SIGNAL* VAUX-ENA_1
 CN1.3 RM1.1 U2.1
*SIGNAL* VINT-ENA_1
 CN1.4 RM1.2
 U3.1
*SIGNAL* VRF_A
 CN2.1 FC25.1 FC26.1 FC27.1 FC28.1 U1.B12 U1.C1 U1.C25 U1.D5 U1.D7
 U1.D13 U1.D19 U1.D21 U1.G3 U1.G23 U1.J1 U1.M3 U1.R3 U1.U2
*SIGNAL* VRF_C
 CN2.3 FC31.1
 FC32.1 FC43.1 FC44.1 U1.AB2 U1.AB7 U1.AF10 U1.W3 U1.Y7
*SIGNAL* VRF_D
 CN2.4 FC35.1 FC36.1
 FC47.1 FC48.1 U1.AC20 U1.J25 U1.M26 U1.R25 U1.U24 U1.W24 U1.Y21 U1.Y23
*SIGNAL* X_CCLK_1

 JP2.2 U1.G14 U7.12
*SIGNAL* X_DONE_1
 LED1.1 R4.2 RM5.10 U1.H14 U7.13
*SIGNAL* X_FPGATDI_1
 RM5.13 U1.Y12 U7.22
*SIGNAL* X_INIT_1

 RM5.11 U1.G15 U7.11
*SIGNAL* X_M0_1
 RM7.16 SW1.1 U1.W15
*SIGNAL* X_M1_1
 RM7.15 SW1.2 U1.Y15
*SIGNAL* X_M2_1
 RM7.14 SW1.3
 U1.W14
*SIGNAL* X_PROG_1
 RM2.4 RM5.12 U1.H15 U2.5 U7.6
*SIGNAL* X_TCK_1
 U1.W12 U4.6 U7.20
*SIGNAL* X_TDI_1
 U5.4 U7.19
*SIGNAL* X_TDO_1
 RM5.9
 U1.Y13 U5.1
*SIGNAL* X_TMS_1
 U1.Y11 U4.4 U7.21
*END*
```