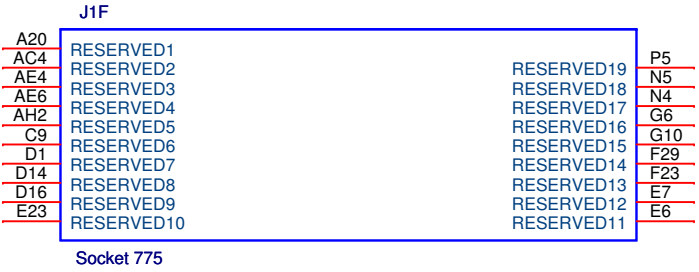
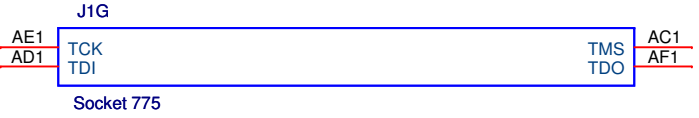
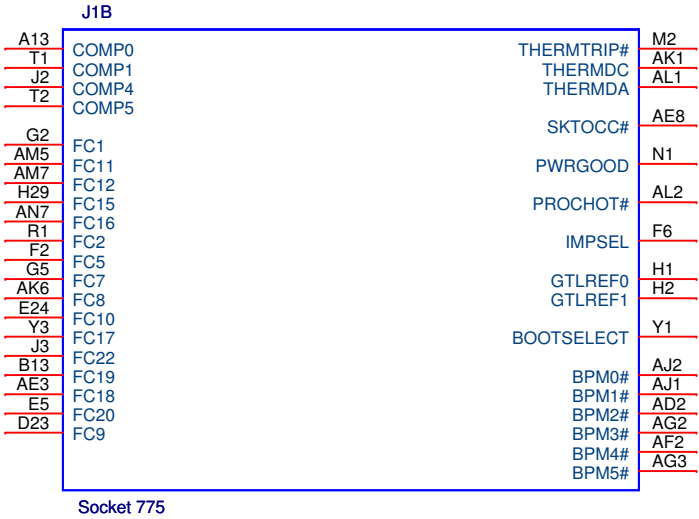
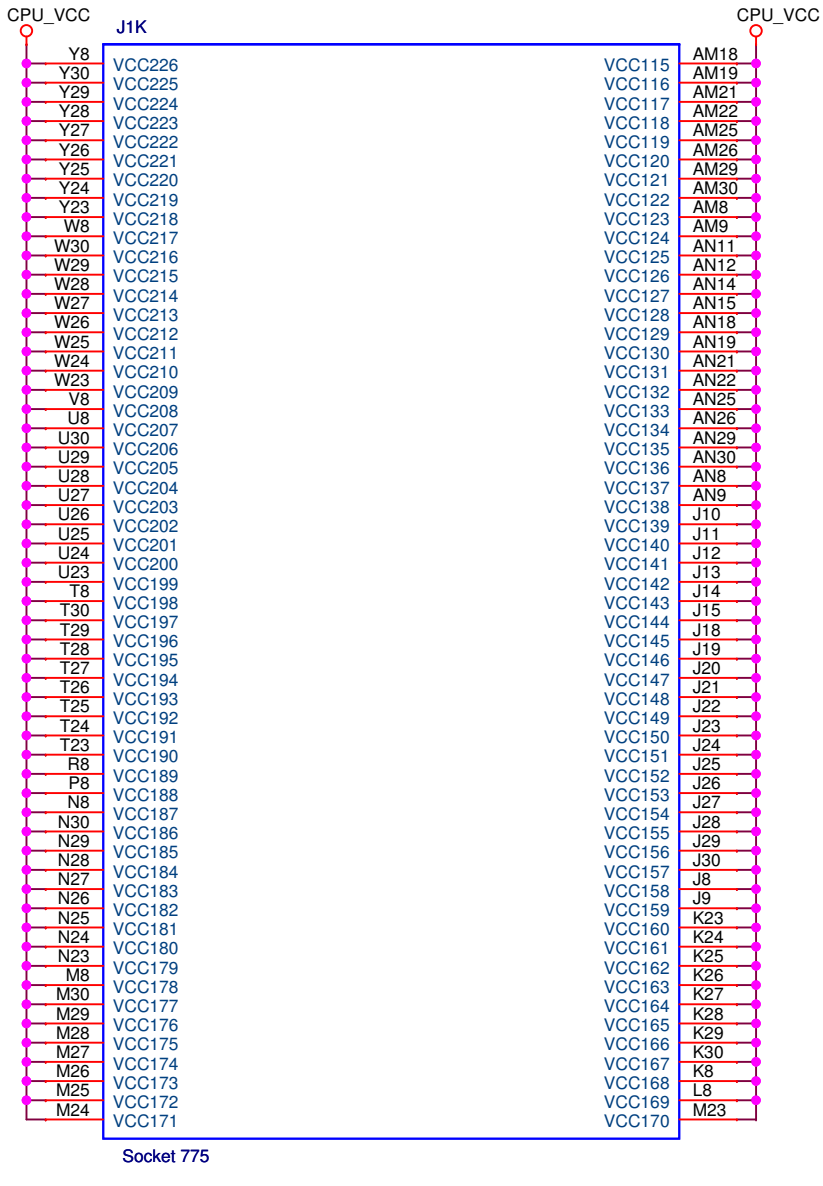
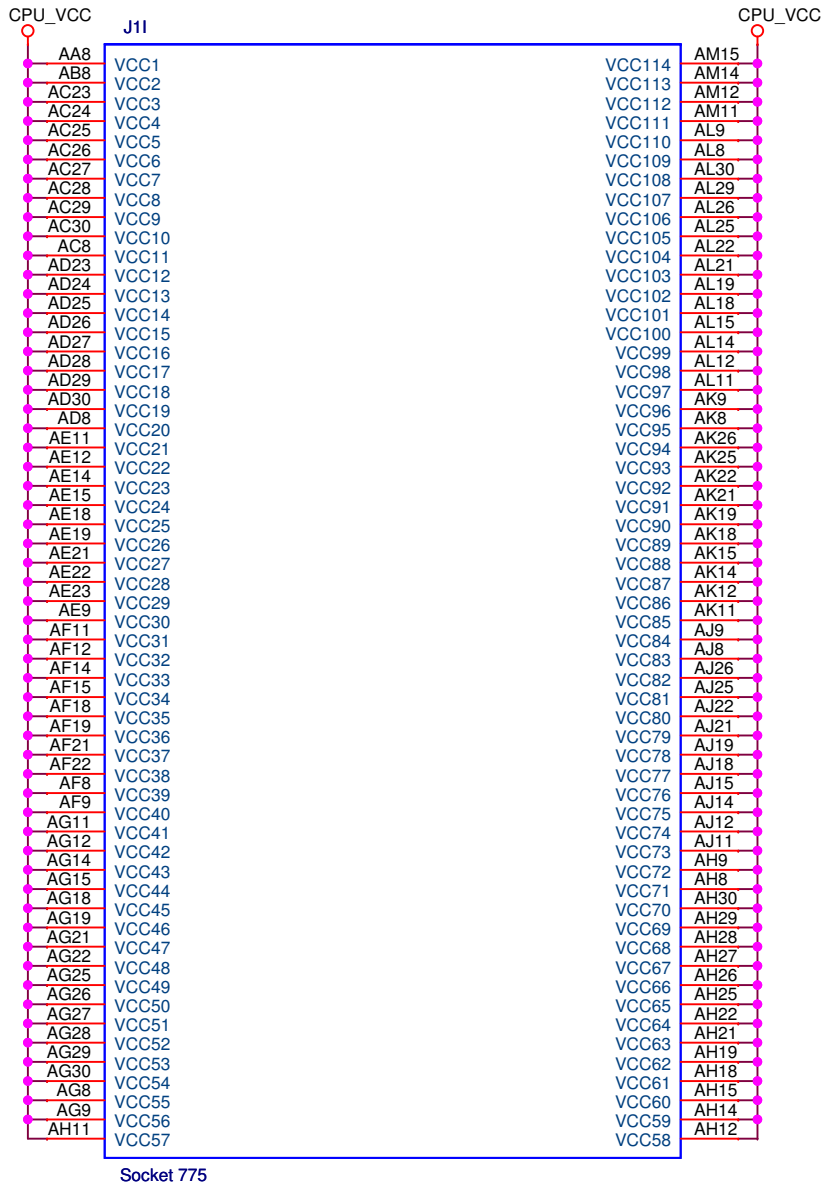


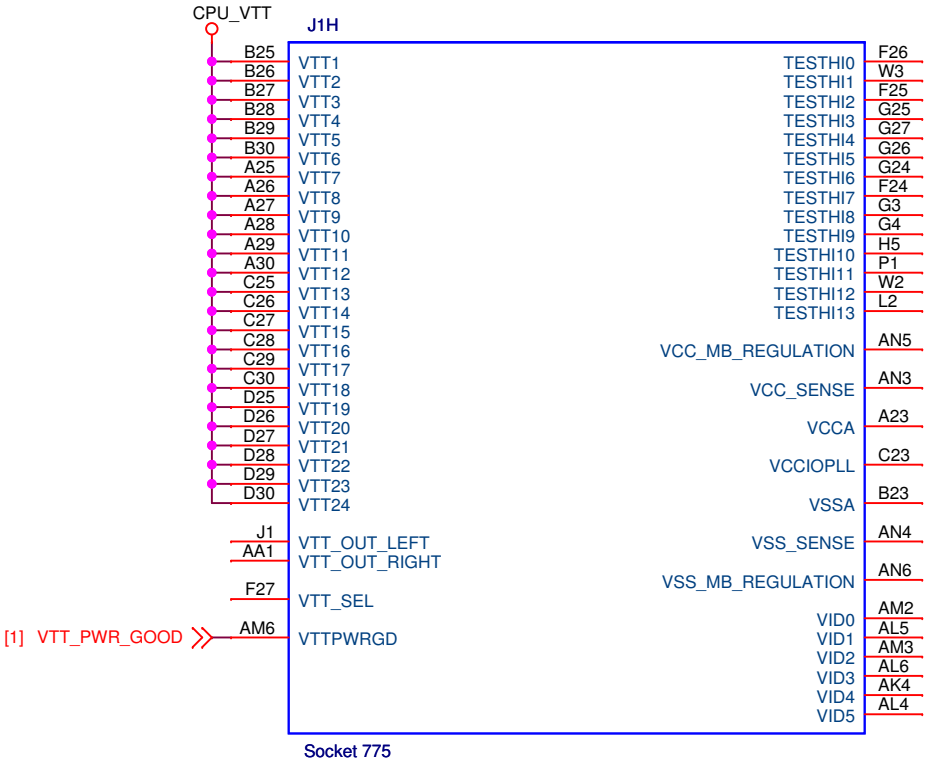
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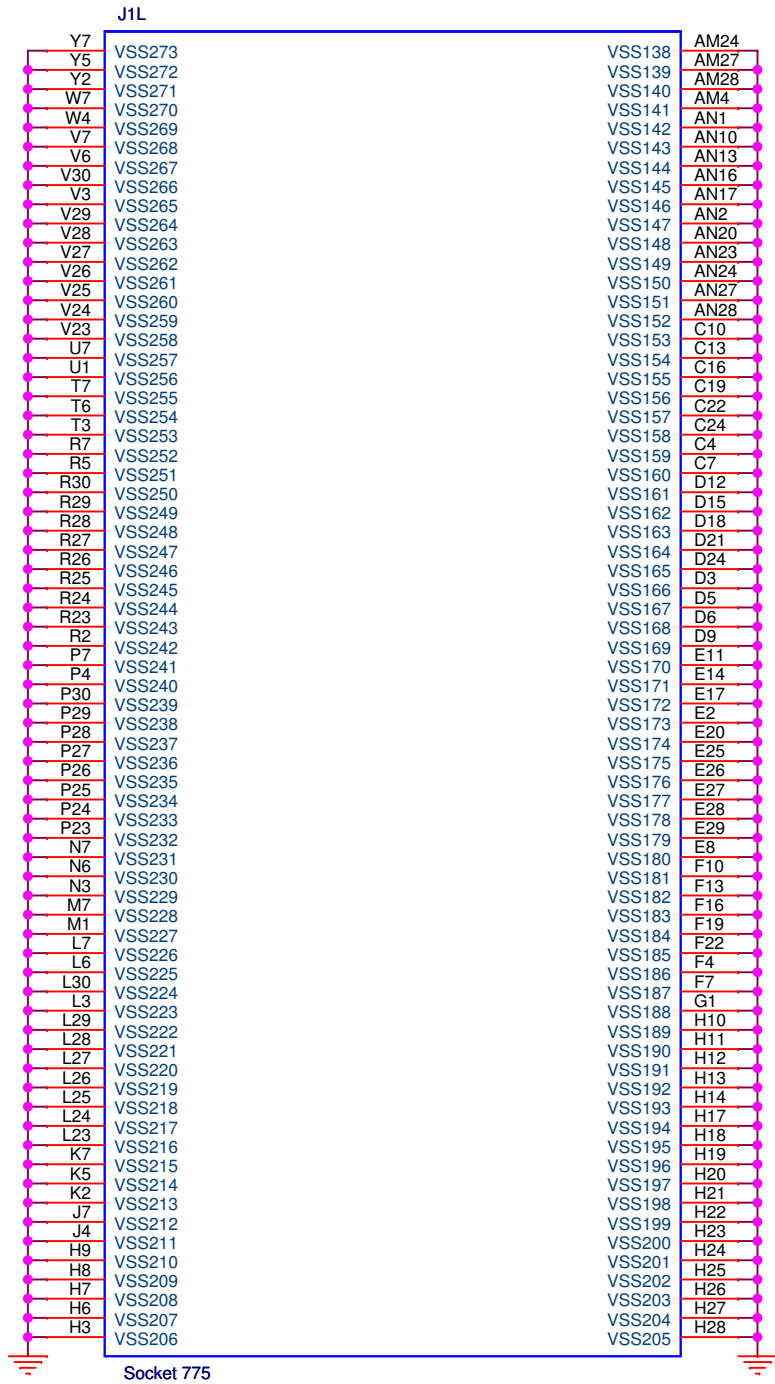
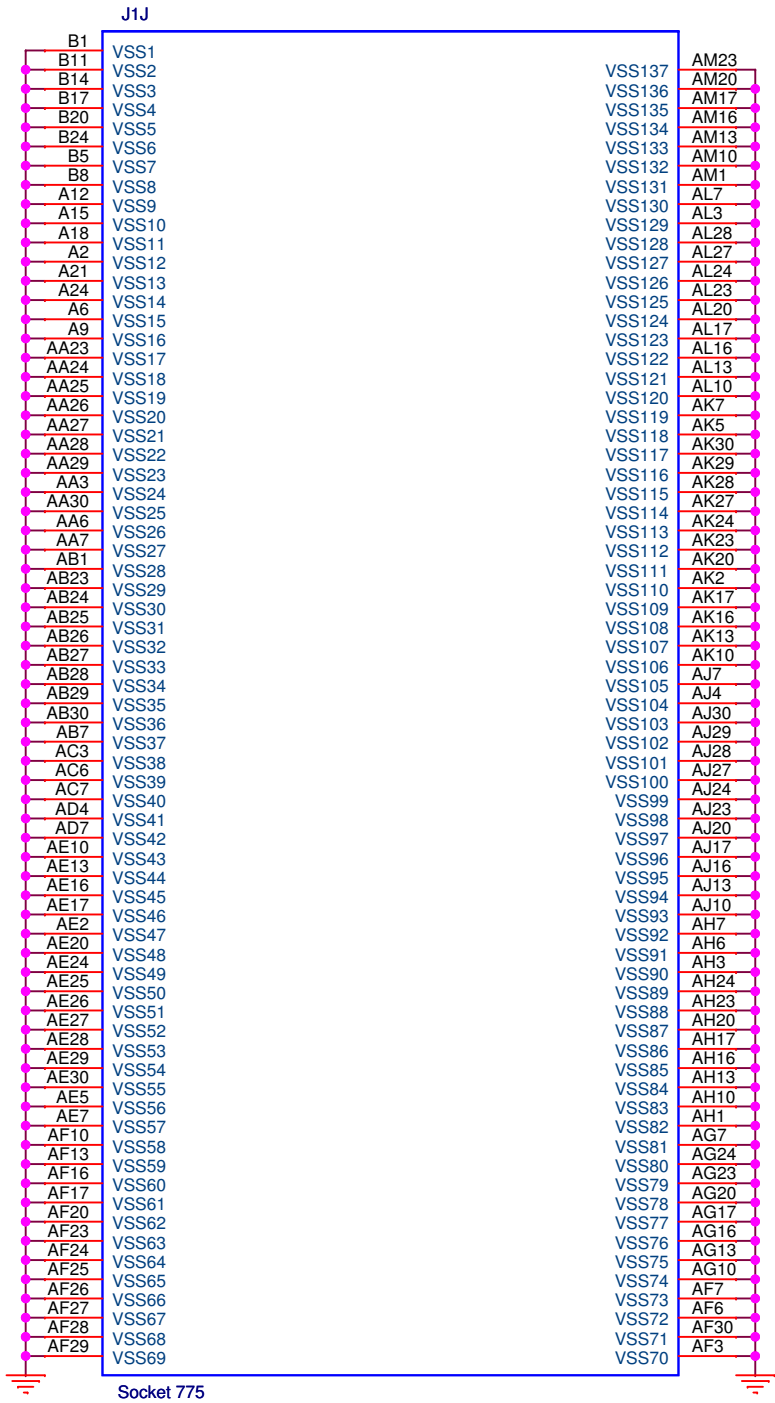
Page #	Description
1	CPU Front Side Bus
2	CPU Misc.
3	CPU VCC
4	CPU VTT
5	CPU VSS
6	X48 Front Side Bus
7	X48 PCI-X
8	X48 DDR3 Channel 0
9	X48 DDR3 Channel 1
10	X48 Misc.
11	X48 VCC
12	X48 VSS
13	DDR3 Channel 0 Slot 0
14	DDR3 Channel 0 Slot 1
15	DDR3 Channel 1 Slot 0
16	DDR3 Channel 1 Slot 1
17	PCI Express Channel 0
18	PCI Express Channel 1
19	Clock Synthesizer

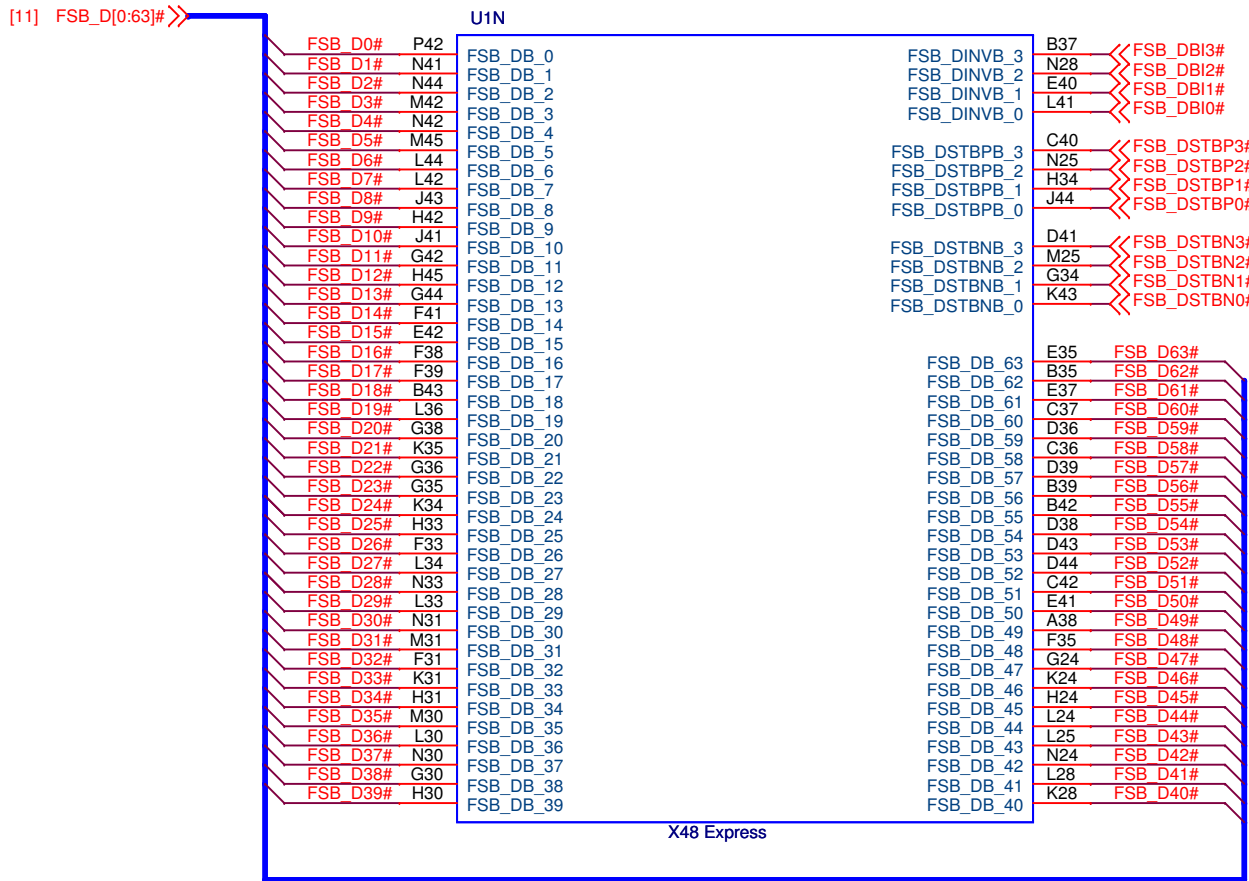
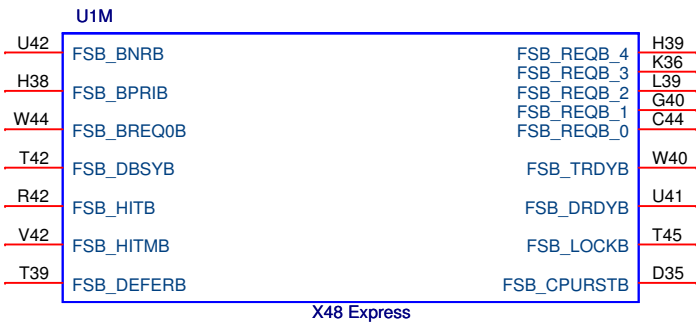
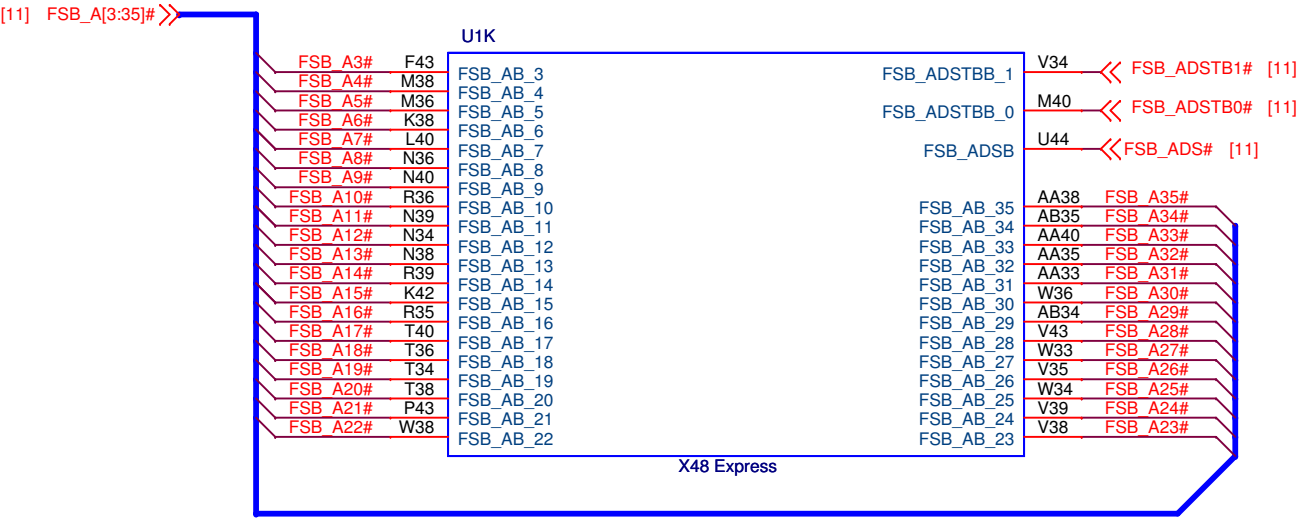


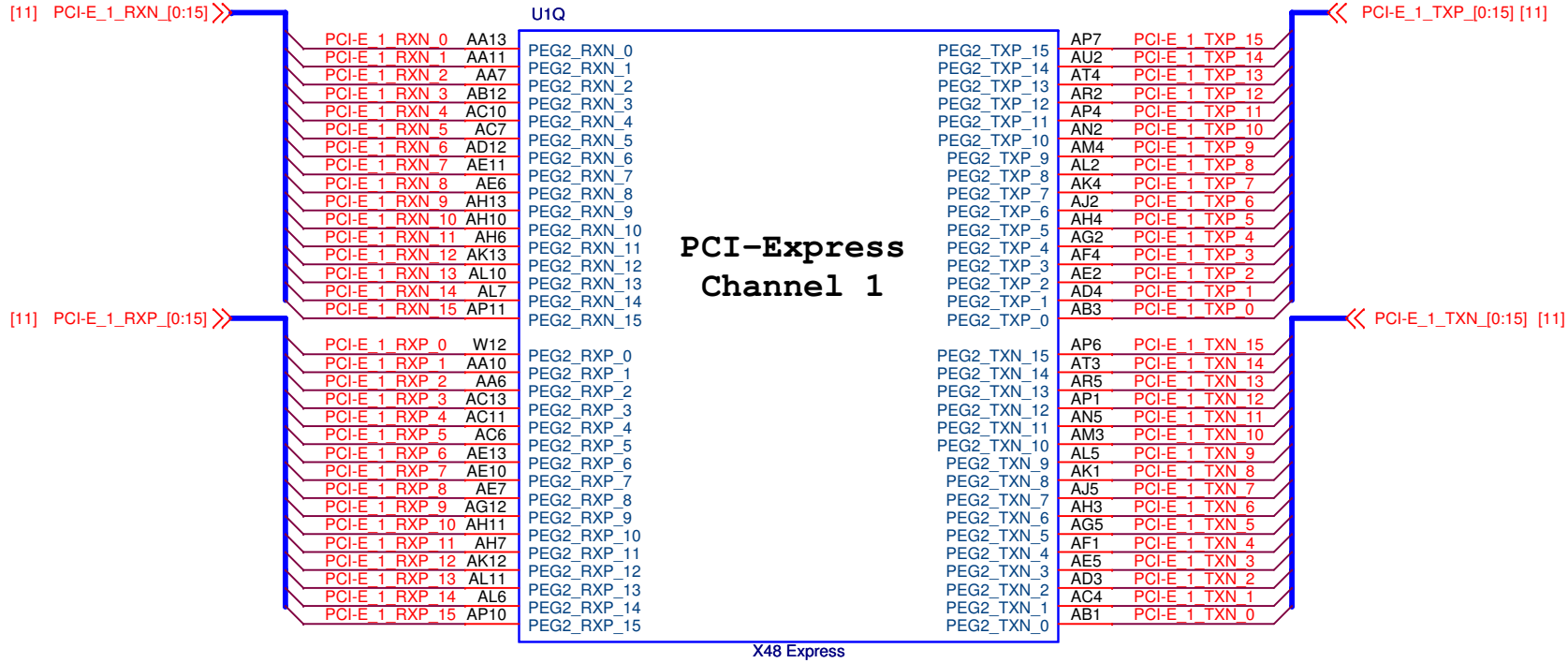
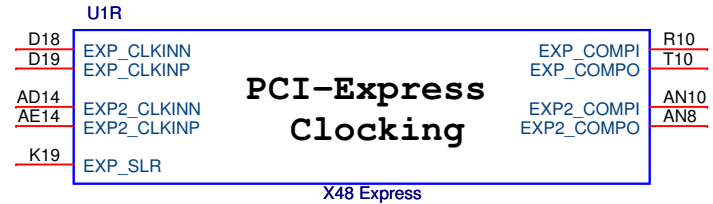
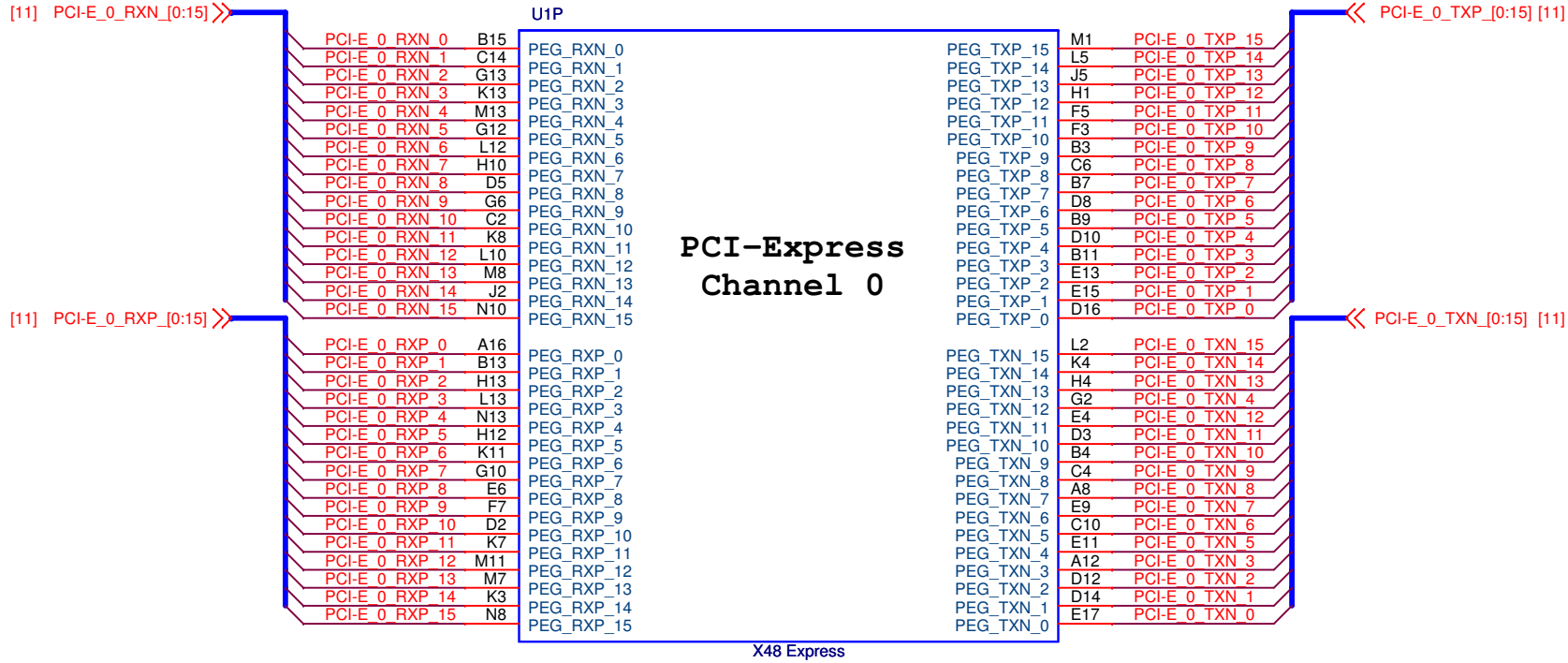


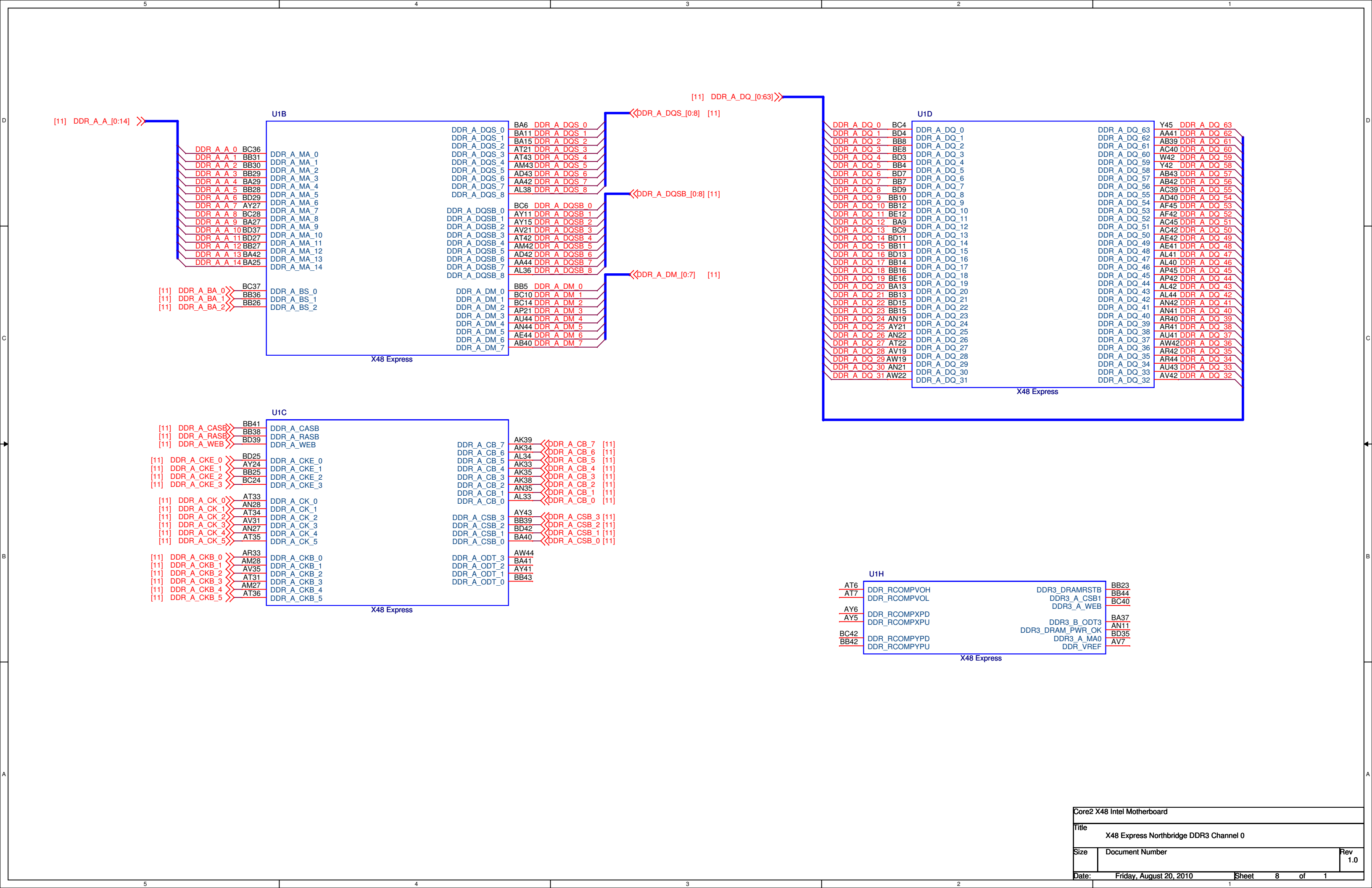


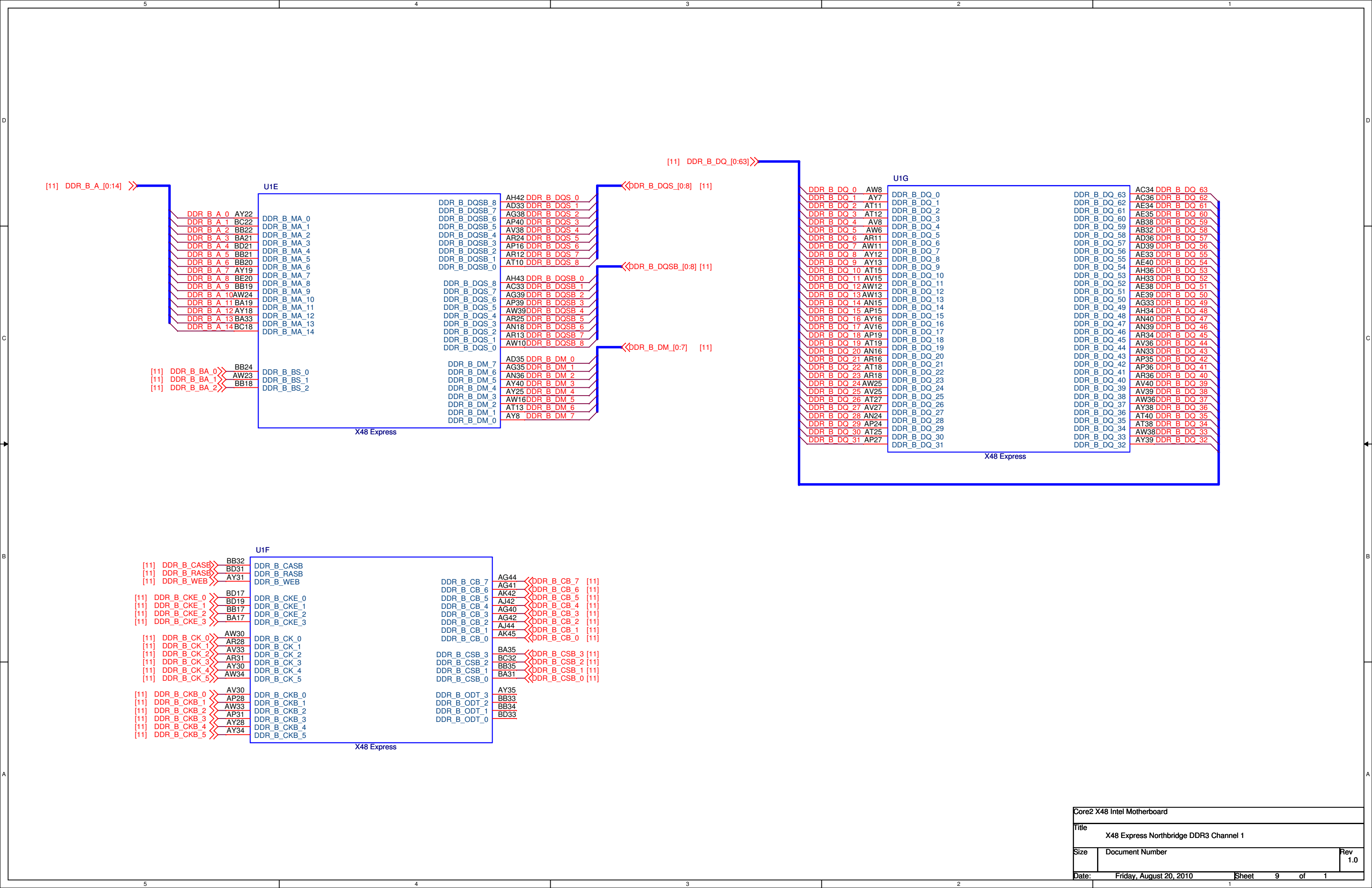


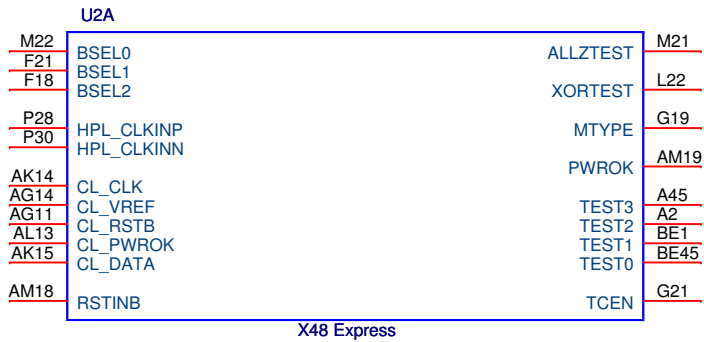
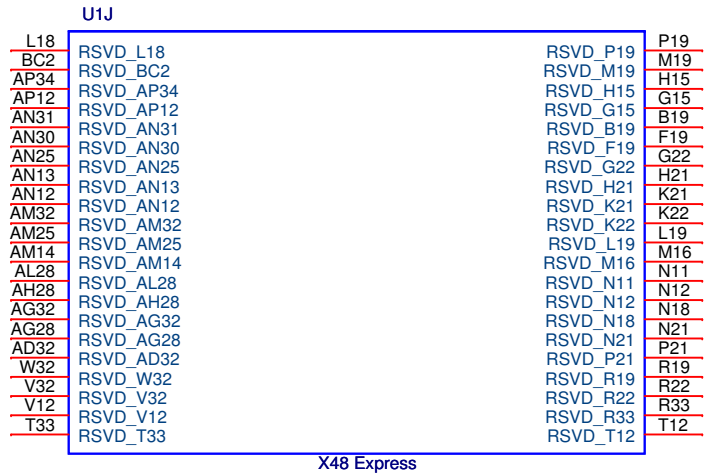


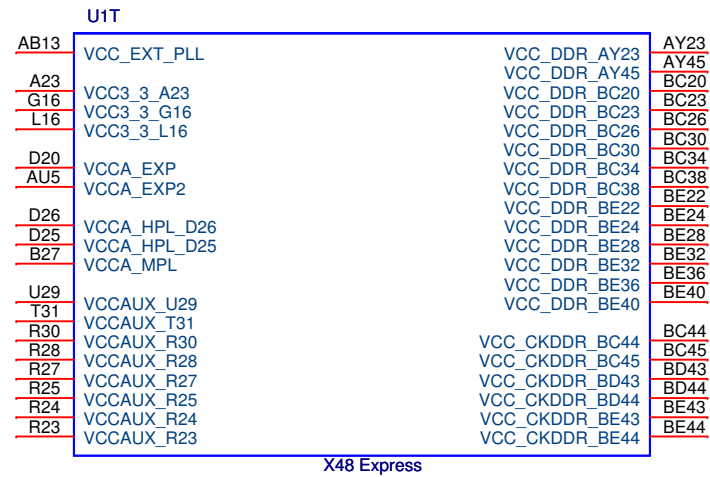
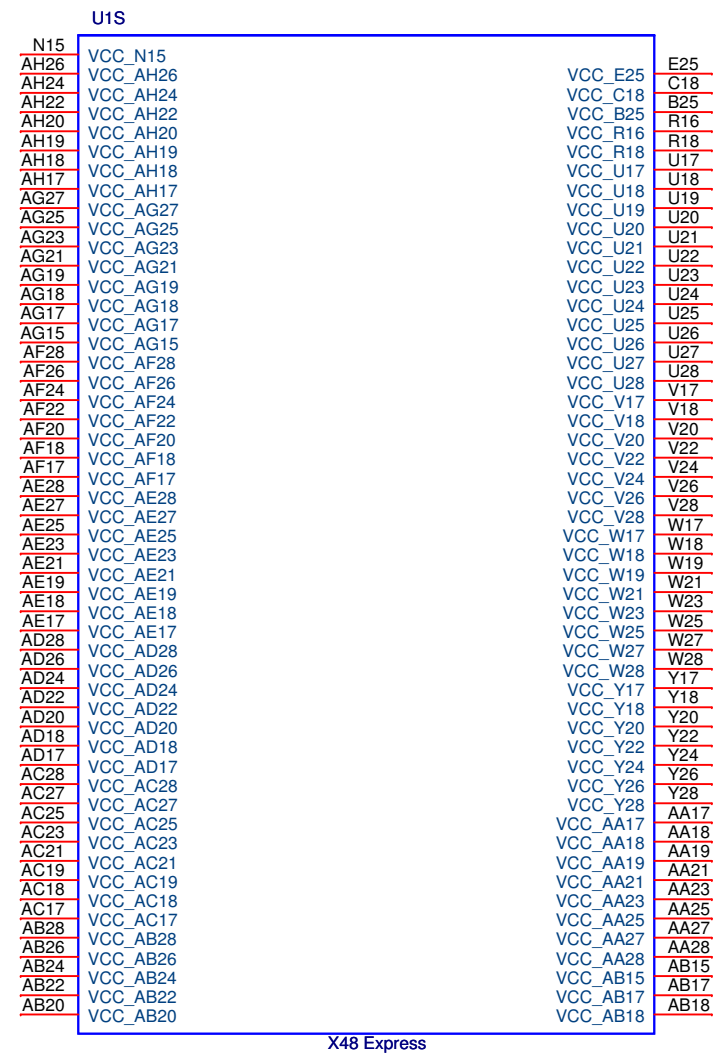
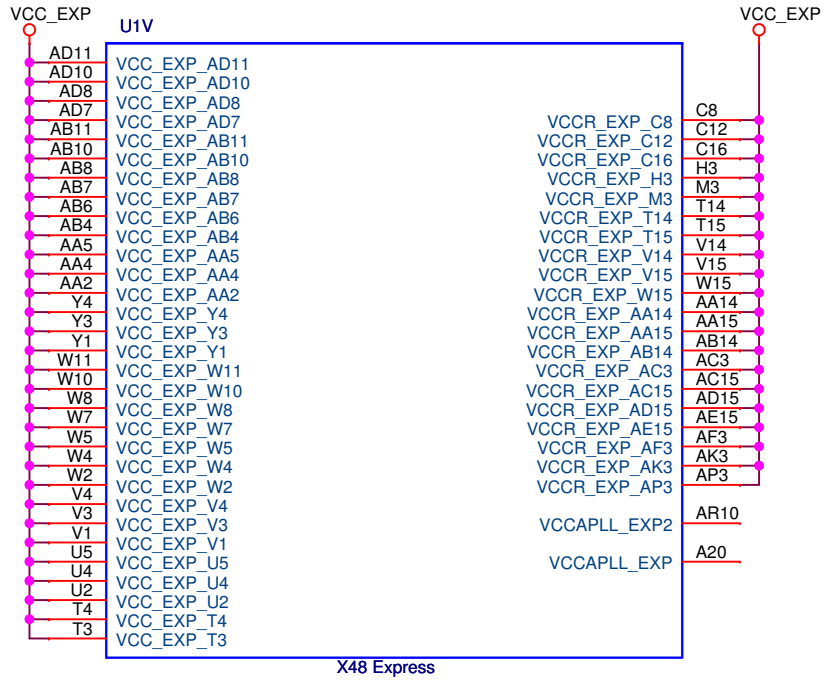
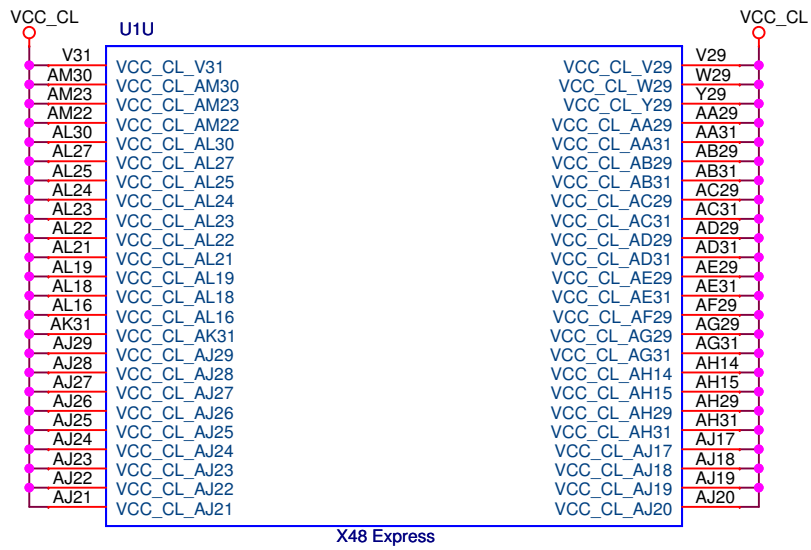












U1W		
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BE38	VSS_BE38	VSS_AA22
BE34	VSS_BE34	VSS_AA24
BE30	VSS_BE30	VSS_AA26
BE26	VSS_BE26	VSS_AA32
BE23	VSS_BE23	VSS_AA34
BE18	VSS_BE18	VSS_AA36
BE14	VSS_BE14	VSS_AA39
BE10	VSS_BE10	VSS_AB19
BE6	VSS_BE6	VSS_AB21
BE3	VSS_BE3	VSS_AB23
BD2	VSS_BD2	VSS_AB25
BC43	VSS_BC43	VSS_AB27
BC16	VSS_BC16	VSS_AB33
BC12	VSS_BC12	VSS_AB36
BC8	VSS_BC8	VSS_AB45
BC3	VSS_BC3	VSS_AC1
BC1	VSS_BC1	VSS_AC8
BB2	VSS_BB2	VSS_AC12
AY36	VSS_AY36	VSS_AC14
AY33	VSS_AY33	VSS_AC20
AY10	VSS_AY10	VSS_AC22
AW40	VSS_AW40	VSS_AC24
AW35	VSS_AW35	VSS_AC26
AW31	VSS_AW31	VSS_AC32
AW28	VSS_AW28	VSS_AC35
AW27	VSS_AW27	VSS_AC38
AW21	VSS_AW21	VSS_AC43
AW18	VSS_AW18	VSS_AD1
AW15	VSS_AW15	VSS_AD6
AW7	VSS_AW7	VSS_AD13
AW4	VSS_AW4	VSS_AD19
AV45	VSS_AV45	VSS_AD21
AV43	VSS_AV43	VSS_AD23
AV34	VSS_AV34	VSS_AD25
AV28	VSS_AV28	VSS_AD27
AV24	VSS_AV24	VSS_AD34
AV23	VSS_AV23	VSS_AD38
AV22	VSS_AV22	VSS_AD45
AV18	VSS_AV18	VSS_AE4
AV13	VSS_AV13	VSS_AE8
AV12	VSS_AV12	VSS_AE12
AV11	VSS_AV11	VSS_AE20
AV10	VSS_AV10	VSS_AE22
AV6	VSS_AV6	VSS_AE24
AV4	VSS_AV4	VSS_AE26
AV3	VSS_AV3	VSS_AE32
AV1	VSS_AV1	VSS_AE36
AU3	VSS_AU3	VSS_AE36
AT45	VSS_AT45	VSS_AF19
AT39	VSS_AT39	VSS_AF21
AT30	VSS_AT30	VSS_AF23
AT28	VSS_AT28	VSS_AF25
AT24	VSS_AT24	VSS_AF27
AT23	VSS_AT23	VSS_AF43
AT16	VSS_AT16	VSS_AG4
AT8	VSS_AT8	VSS_AG6
AT1	VSS_AT1	VSS_AG7
AR39	VSS_AR39	VSS_AG8
AR38	VSS_AR38	VSS_AG10
AR35	VSS_AR35	VSS_AG13
AR30	VSS_AR30	VSS_AG20
AR27	VSS_AR27	VSS_AG22
AR23	VSS_AR23	VSS_AG24
AR22	VSS_AR22	VSS_AG26
AR21	VSS_AR21	VSS_AG34
AR19	VSS_AR19	VSS_AG36
AR15	VSS_AR15	VSS_AH1
AR8	VSS_AR8	VSS_AH8
AR7	VSS_AR7	VSS_AH12
AR6	VSS_AR6	VSS_AH21
AR4	VSS_AR4	VSS_AH23
AP43	VSS_AP43	VSS_AH25
AP38	VSS_AP38	VSS_AH27
AP33	VSS_AP33	VSS_AH32
AP30	VSS_AP30	VSS_AH35
AP25	VSS_AP25	VSS_AH38
AP23	VSS_AP23	VSS_AH39
AP22	VSS_AP22	VSS_AH40
AP18	VSS_AP18	VSS_AH45
AP13	VSS_AP13	VSS_AJ4
AP8	VSS_AP8	VSS_AJ41
AN38	VSS_AN38	VSS_AK6
AN34	VSS_AN34	VSS_AK7
AN23	VSS_AN23	VSS_AK8
AN7	VSS_AN7	VSS_AK10
AN6	VSS_AN6	VSS_AK11
AN4	VSS_AN4	VSS_AK32
AM45	VSS_AM45	VSS_AK36
AM24	VSS_AM24	VSS_AK40
AM21	VSS_AM21	VSS_AK43
AM16	VSS_AM16	VSS_AL4
AM1	VSS_AM1	VSS_AL8
AL39	VSS_AL39	VSS_AL12
		VSS_AL35

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U1X		
AA12	VSS_AA12	VSS_W31
AA8	VSS_AA8	VSS_M15
Y43	VSS_Y43	VSS_K16
Y27	VSS_Y27	VSS_H16
Y25	VSS_Y25	VSS_F22
Y23	VSS_Y23	VSS_D24
Y21	VSS_Y21	VSS_D22
Y19	VSS_Y19	VSS_D21
W39	VSS_W39	VSS_C24
W35	VSS_W35	VSS_C23
W26	VSS_W26	VSS_BB3
W24	VSS_W24	VSS_BA5
W22	VSS_W22	VSS_BA4
W20	VSS_W20	VSS_B21
W14	VSS_W14	VSS_B17
W13	VSS_W13	VSS_AY3
W6	VSS_W6	VSS_AY1
V45	VSS_V45	VSS_AW2
V40	VSS_V40	VSS_A24
V36	VSS_V36	VSS_A3
V33	VSS_V33	VSS_A6
V27	VSS_V27	VSS_A10
V25	VSS_V25	VSS_A14
V23	VSS_V23	VSS_A18
V21	VSS_V21	VSS_A22
V19	VSS_V19	VSS_A26
V13	VSS_V13	VSS_A34
V8	VSS_V8	VSS_A36
T43	VSS_T43	VSS_A40
T35	VSS_T35	VSS_A43
T32	VSS_T32	VSS_B29
T13	VSS_T13	VSS_B44
T11	VSS_T11	VSS_C1
T6	VSS_T6	VSS_C3
R40	VSS_R40	VSS_C9
R38	VSS_R38	VSS_C20
R34	VSS_R34	VSS_C22
R21	VSS_R21	VSS_C22
R13	VSS_R13	VSS_C30
R12	VSS_R12	VSS_C34
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P25	VSS_P25	VSS_D13
P24	VSS_P24	VSS_D15
P23	VSS_P23	VSS_D17
P22	VSS_P22	VSS_D23
P18	VSS_P18	VSS_D29
P14	VSS_P14	VSS_D34
P1	VSS_P1	VSS_D42
N35	VSS_N35	VSS_E5
N27	VSS_N27	VSS_E19
N23	VSS_N23	VSS_E21
N22	VSS_N22	VSS_F1
N19	VSS_N19	VSS_F6
N16	VSS_N16	VSS_F8
N7	VSS_N7	VSS_F10
N6	VSS_N6	VSS_F11
N4	VSS_N4	VSS_F12
M43	VSS_M43	VSS_F13
M39	VSS_M39	VSS_F15
M35	VSS_M35	VSS_F16
M34	VSS_M34	VSS_F23
M33	VSS_M33	VSS_F24
M28	VSS_M28	VSS_F34
M24	VSS_M24	VSS_F36
M23	VSS_M23	VSS_F40
M18	VSS_M18	VSS_F45
M12	VSS_M12	VSS_G4
M10	VSS_M10	VSS_G7
M6	VSS_M6	VSS_G8
L38	VSS_L38	VSS_G11
L35	VSS_L35	VSS_G18
L31	VSS_L31	VSS_G23
L23	VSS_L23	VSS_G31
L15	VSS_L21	VSS_G31
L11	VSS_L15	VSS_G33
L8	VSS_L11	VSS_G39
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L4	VSS_L6	VSS_H8
K45	VSS_K45	VSS_H11
K40	VSS_K40	VSS_H18
K39	VSS_K39	VSS_H19
K33	VSS_K33	VSS_H22
K30	VSS_K30	VSS_H23
K23	VSS_K23	VSS_H35
K18	VSS_K18	VSS_H36
K15	VSS_K15	VSS_H40
K12	VSS_K12	VSS_H43
K10	VSS_K10	VSS_J3
		VSS_K1
		VSS_K6

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Title		
X48 Express Northbridge VSS		
Size	Document Number	Rev
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