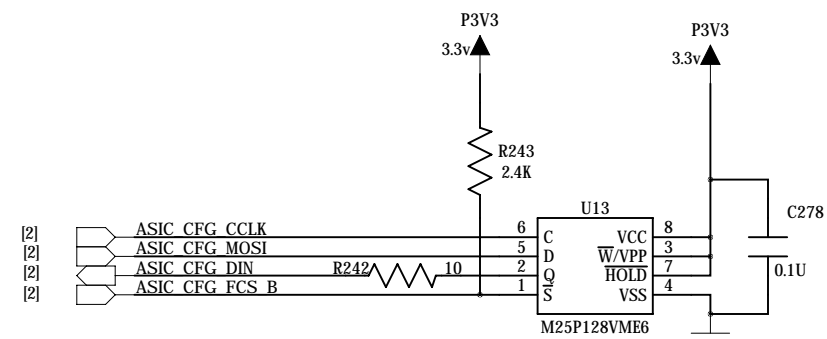
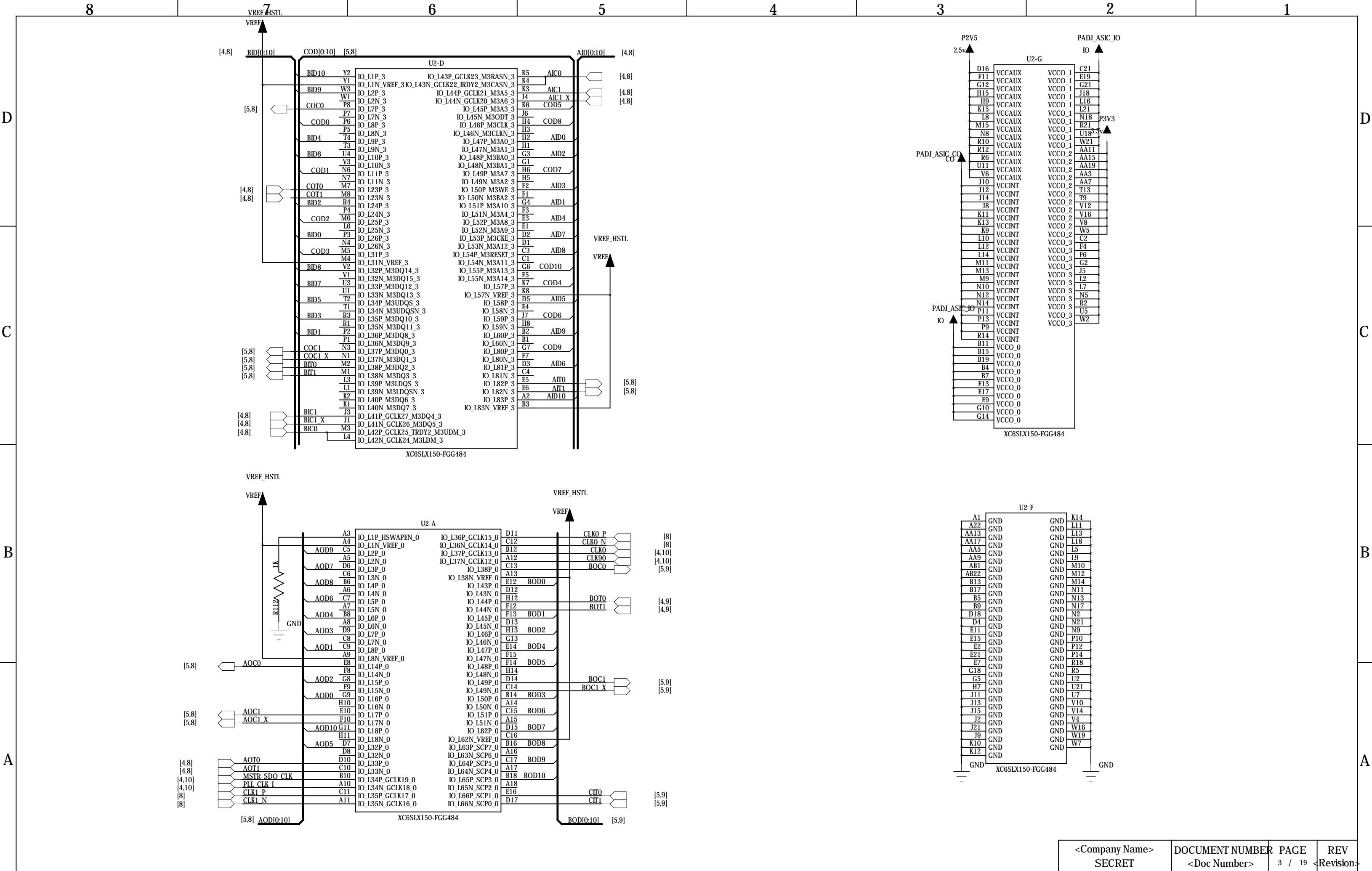
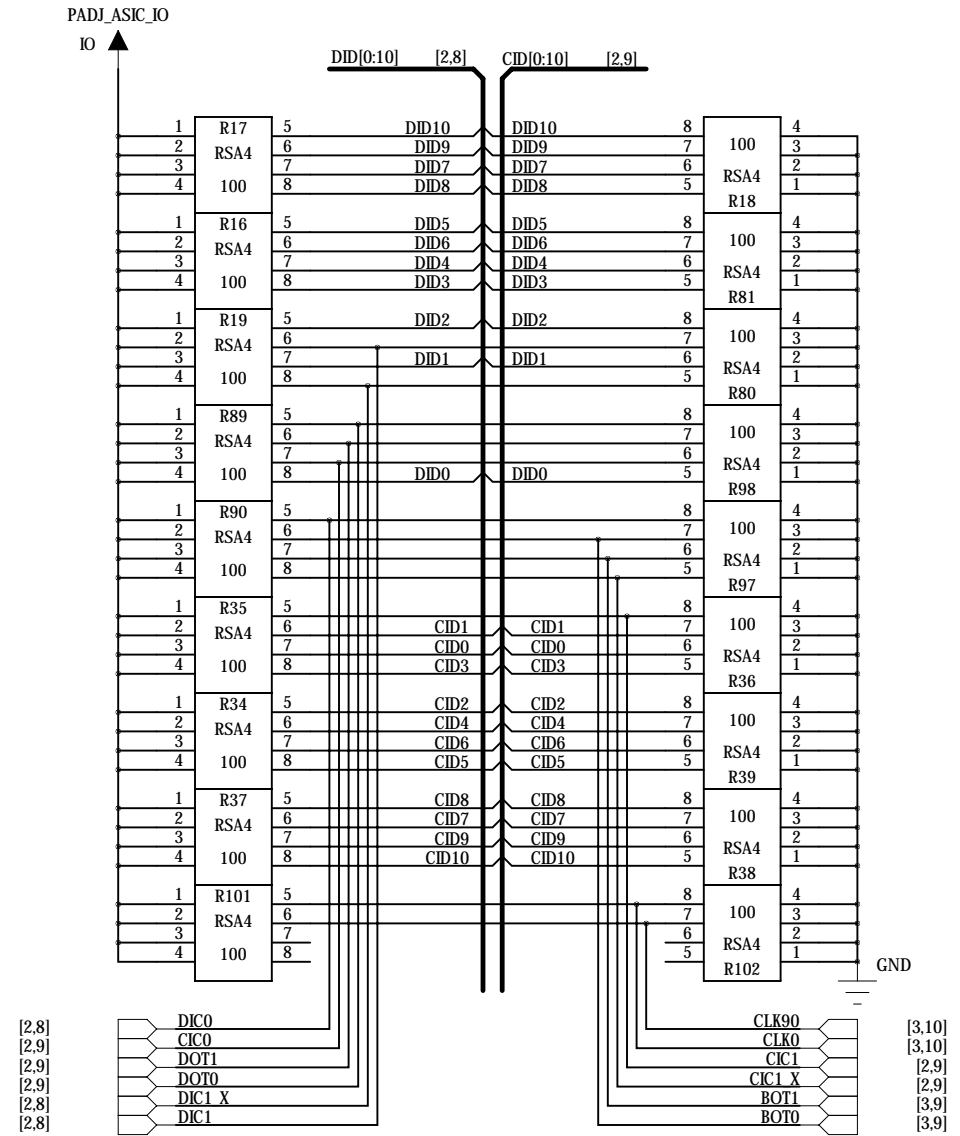
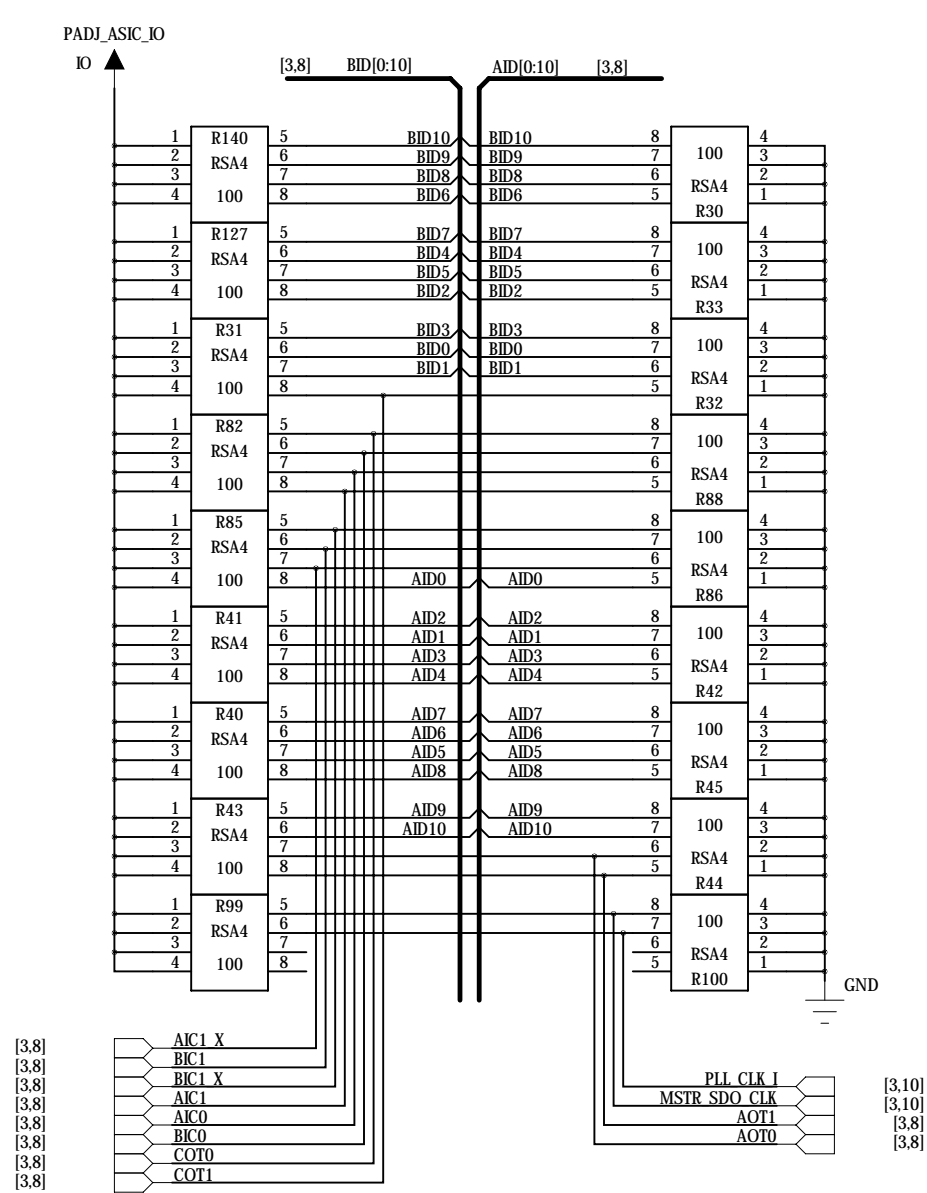


Spartan6 Configuration SPI Flash

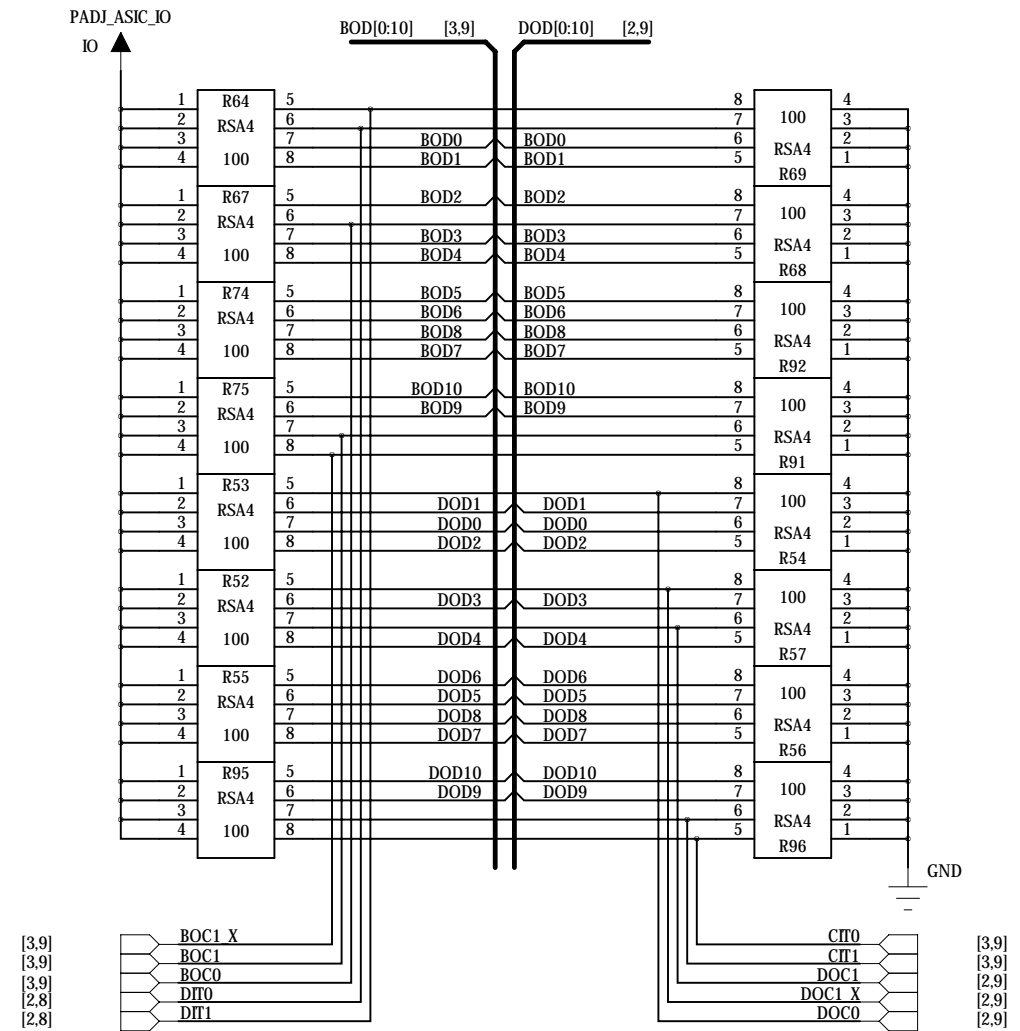
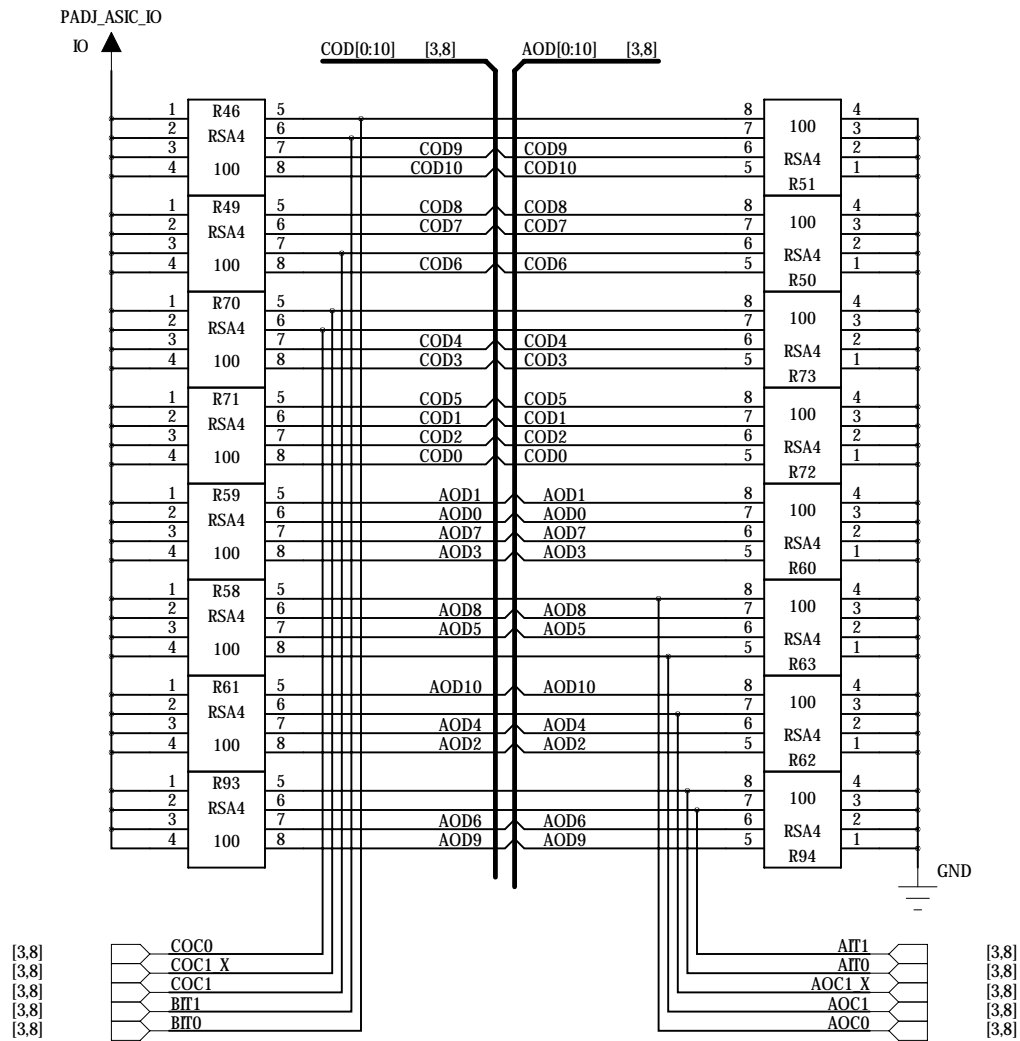




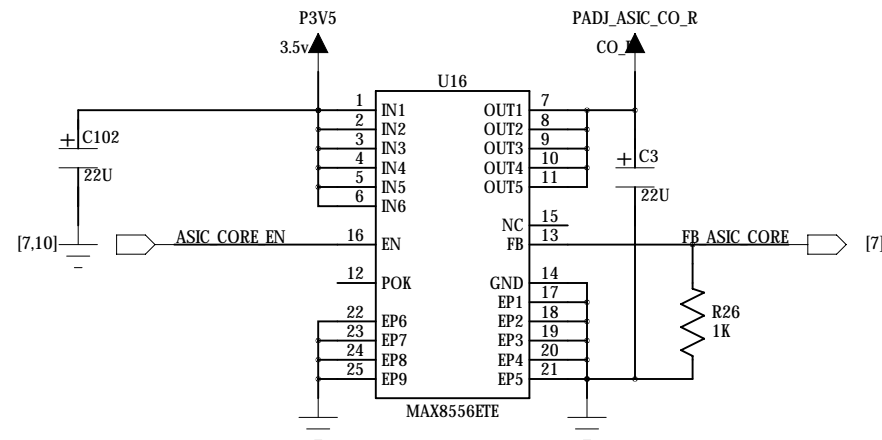
ASIC INPUT TERMINATION (Close to ASIC)



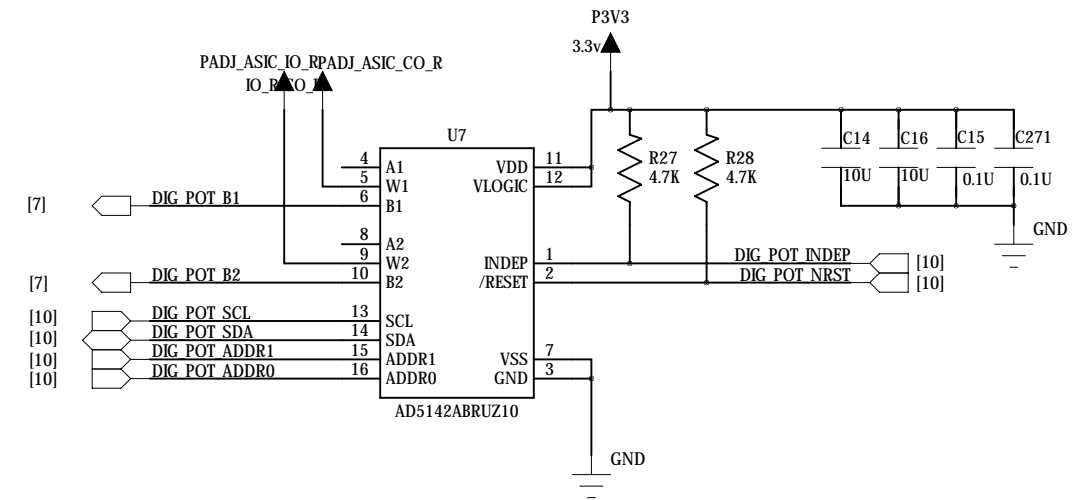
ASIC OUTPUT TERMINATION (Close to FPGA)



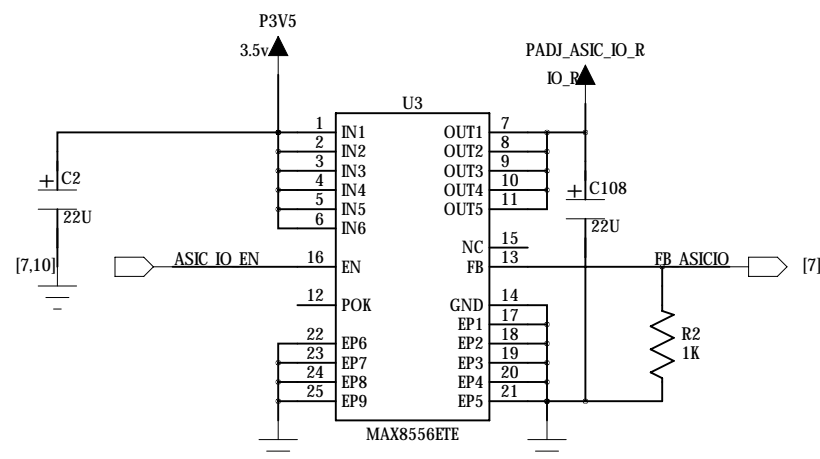
ASIC_CORE



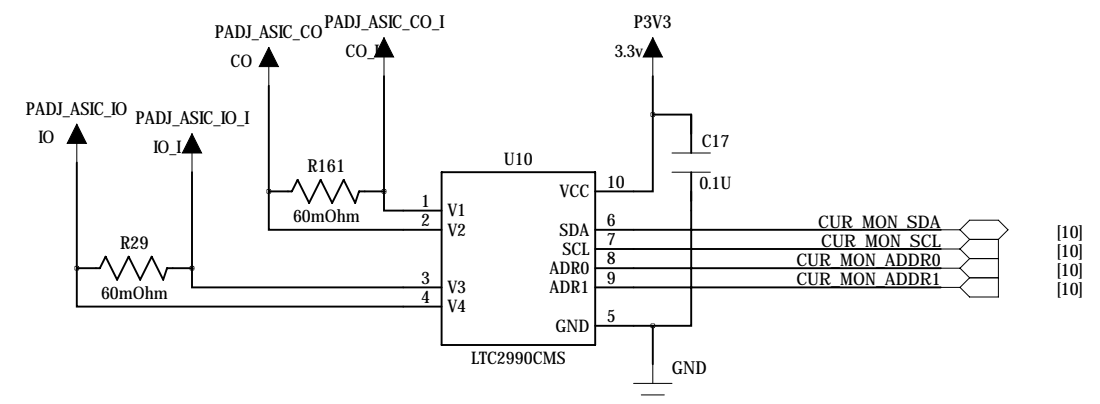
Digital Potentiometer

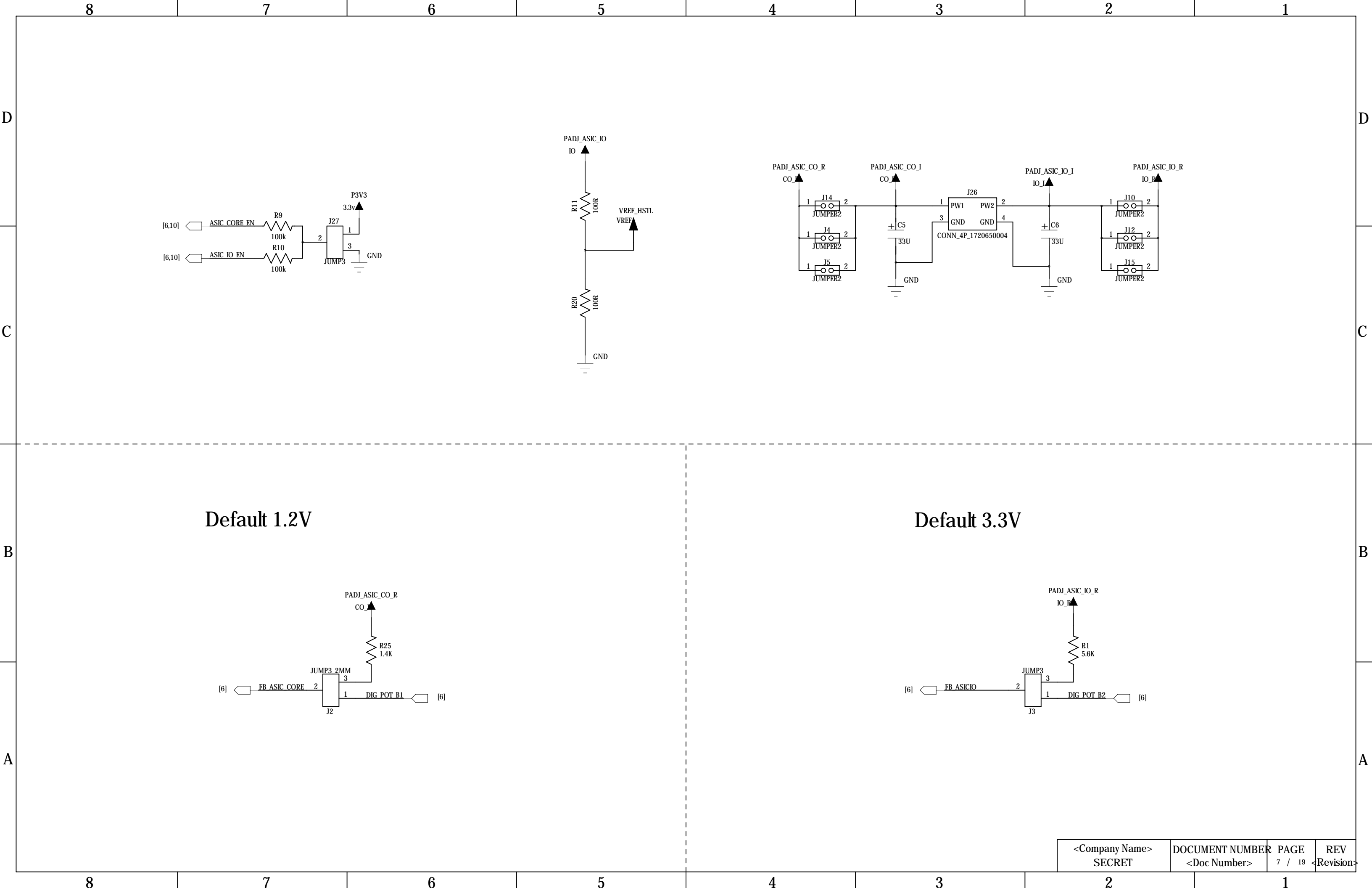


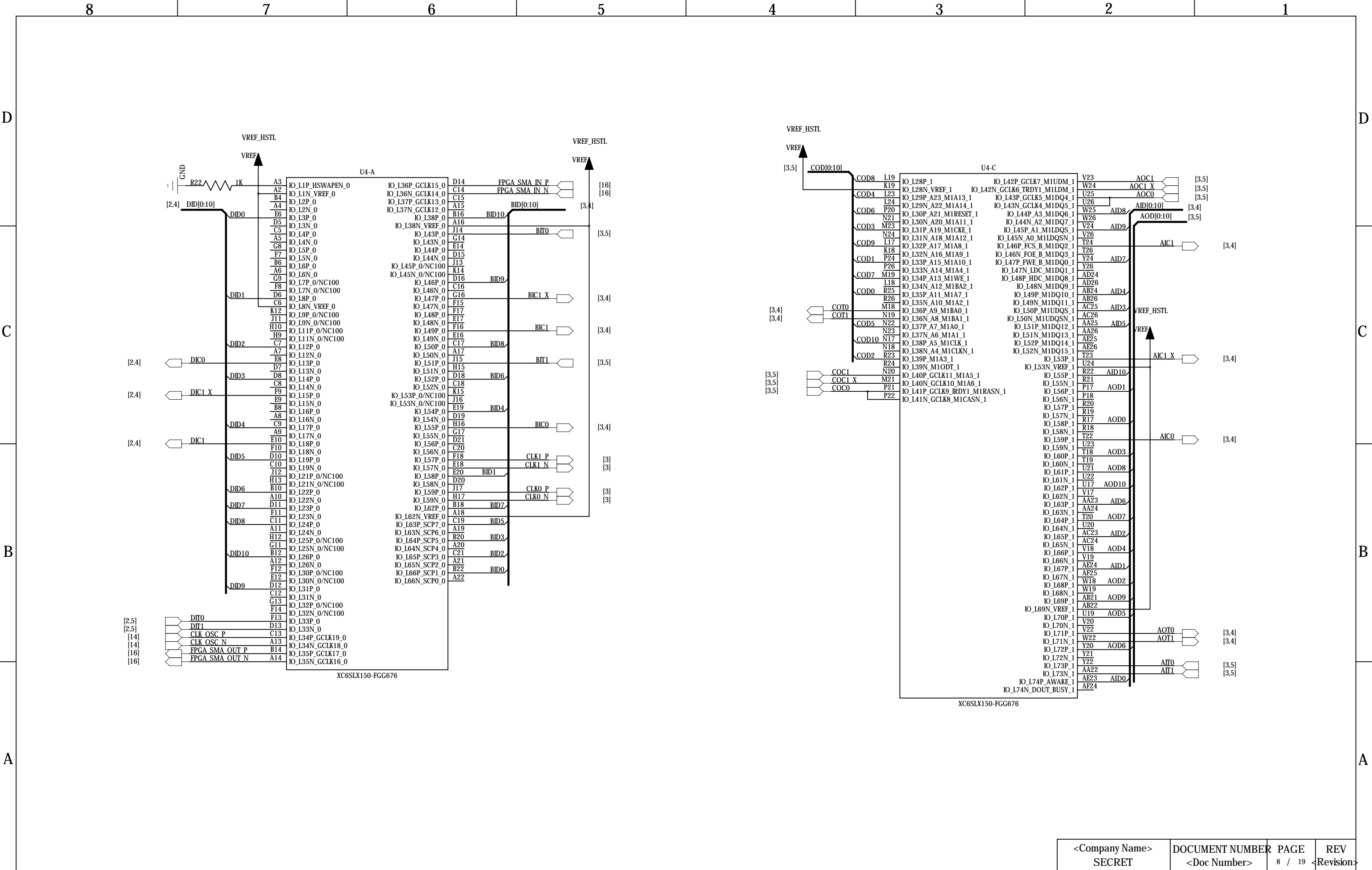
ASIC_IO

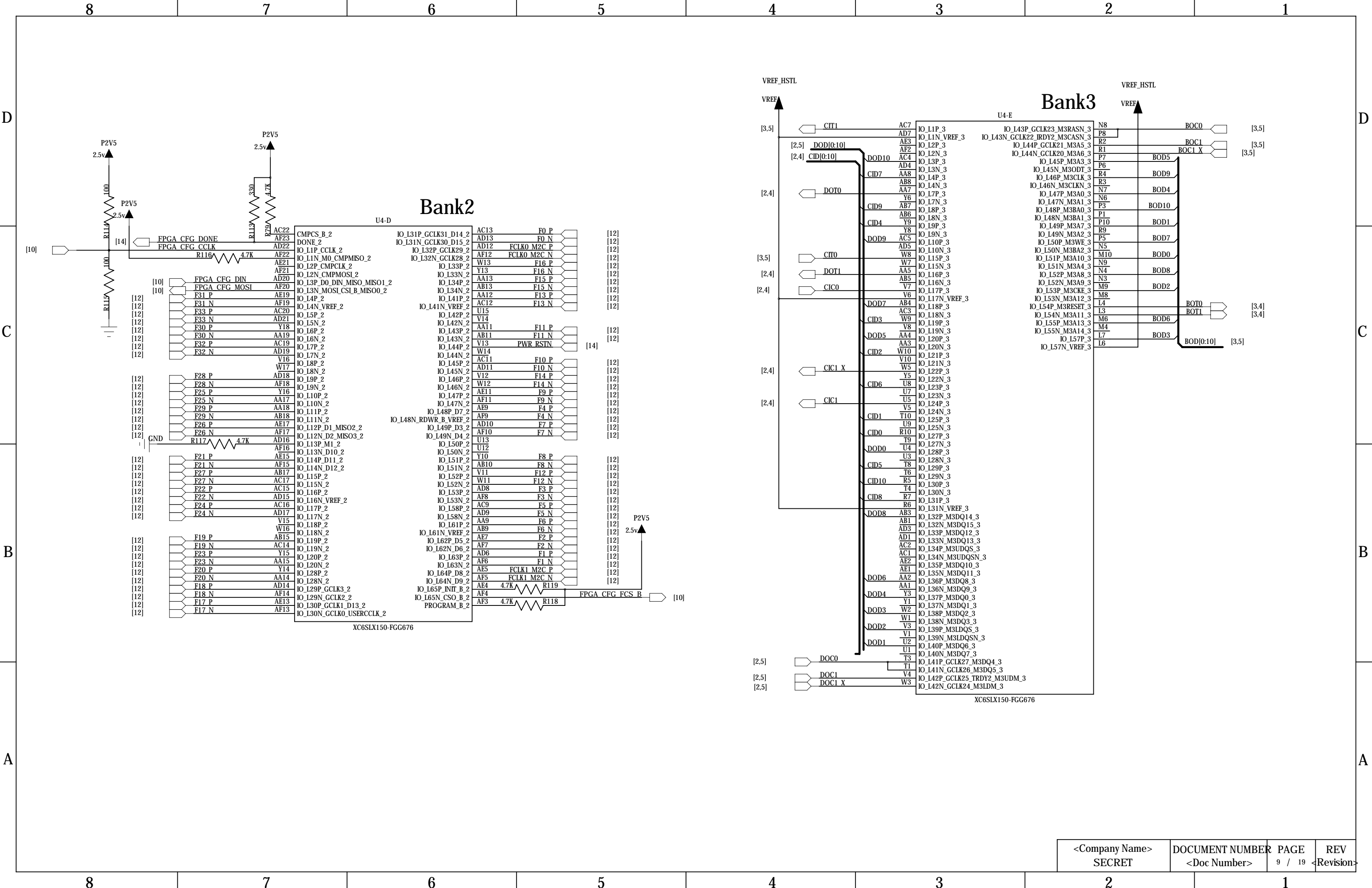


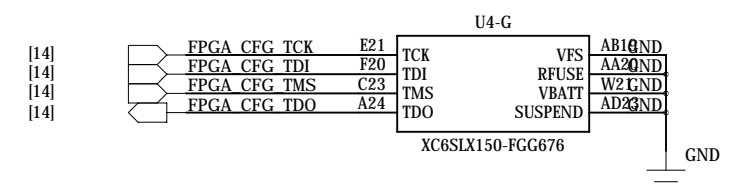
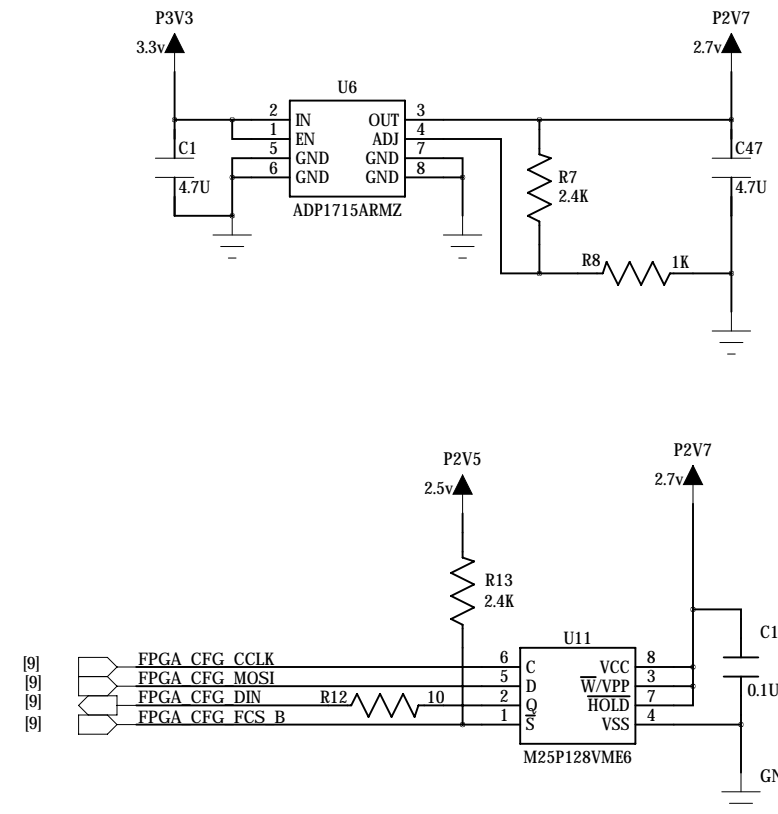
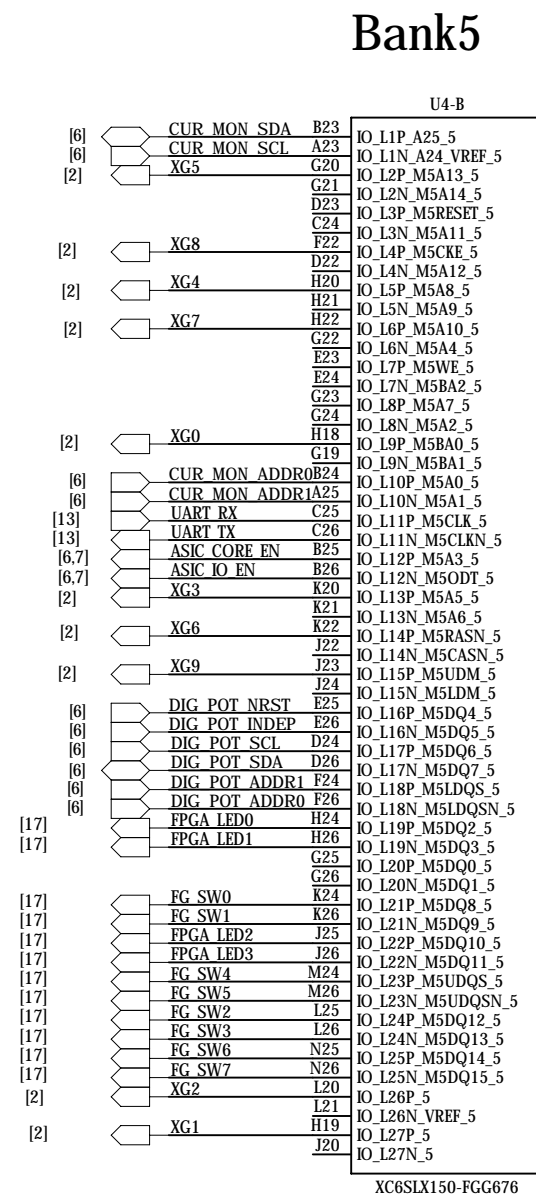
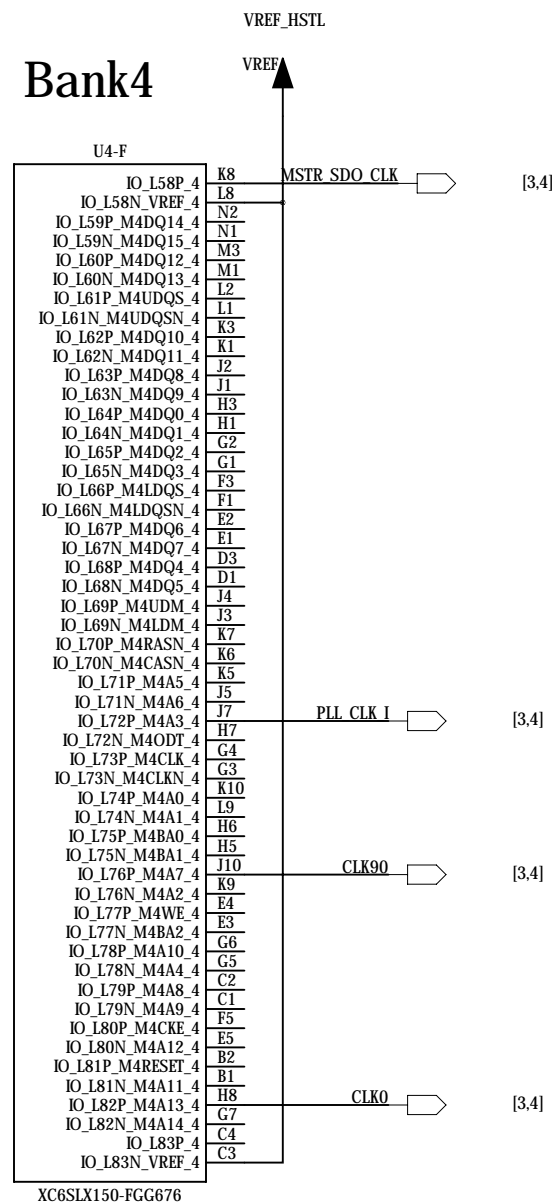
Current Monitor











D

C

B

A

D

C

B

A

J1-D	
HB00_N_CC	K26
HB00_P_CC	K25
HB01_N	J25
HB01_P	J24
HB02_N	F23
HB02_P	F22
HB03_N	E22
HB03_P	E21
HB04_N	F26
HB04_P	F25
HB05_N	E25
HB05_P	E24
HB06_N_CC	K29
HB06_P_CC	K28
HB07_N	J28
HB07_P	J27
HB08_N	F29
HB08_P	F28
HB09_N	E28
HB09_P	E27
HB10_N	K32
HB10_P	K31
HB11_N	J31
HB11_P	J30
HB12_N	F32
HB12_P	F31
HB13_N	E31
HB13_P	E30
HB14_N	K35
HB14_P	K34
HB15_N	J34
HB15_P	J33
HB16_N	F35
HB16_P	F34
HB16_P	K38
HB17_N_CC	K37
HB17_P_CC	J37
HB18_N	J36
HB18_P	E34
HB19_N	E33
HB19_P	F38
HB20_N	F37
HB20_P	E37
HB21_N	E36
HB21_P	

ASP-134488-01

J1-F	
GA0	C34
GA1	D35
PG_C2M	D1
PG_M2C	F1
PRSNT_M2C_L	H2
RES0	B40
RES1	B1
SCL	C30
SDA	C31
TCK	D29
TDI	D30
TDO	D31
TMS	D33
TRST_L	D34
VADJ	E39
VADJ	G39
VADJ	F40
VADJ	H40
VADJ	J39
VIO_B_M2C	K40
VIO_B_M2C	H1
VREF_A_M2C	K1
VREF_B_M2C	

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J1-C	
HA00_N_CC	F5
HA00_P_CC	F4
HA01_N_CC	E3
HA01_P_CC	E2
HA02_N	K8
HA02_P	K7
HA03_N	J7
HA03_P	J6
HA04_N	F8
HA04_P	F7
HA05_N	E7
HA05_P	E6
HA06_N	K11
HA06_P	K10
HA07_N	J10
HA07_P	J9
HA08_N	F11
HA08_P	F10
HA09_N	E10
HA09_P	E9
HA10_N	K14
HA10_P	K13
HA11_N	J13
HA11_P	J12
HA12_N	F14
HA12_P	F13
HA13_N	E13
HA13_P	E12
HA14_N	J16
HA14_P	J15
HA15_N	F17
HA15_P	F16
HA16_N	E16
HA16_P	E15
HA16_P	K17
HA17_N_CC	K16
HA17_P_CC	J19
HA18_N	J18
HA18_P	F20
HA19_N	F19
HA19_P	E19
HA20_N	F18
HA20_P	K20
HA21_N	K19
HA21_P	J22
HA22_N	J21
HA22_P	K23
HA23_N	K22
HA23_P	

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J1-B	
CLK0_C2M_N	G3
CLK0_C2M_P	G2
CLK0_M2C_N	H5
CLK0_M2C_P	H4
CLK1_C2M_N	J3
CLK1_C2M_P	J2
CLK1_M2C_N	K5
CLK1_M2C_P	K4

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J1-E	
LA00_N_CC	G7
LA00_P_CC	G6
LA01_N_CC	D9
LA01_P_CC	D8
LA02_N	H8
LA02_P	H7
LA03_N	G10
LA03_P	G9
LA04_N	H11
LA04_P	H10
LA05_N	D12
LA05_P	D11
LA06_N	C11
LA06_P	C10
LA07_N	H14
LA07_P	H13
LA08_N	G13
LA08_P	G12
LA09_N	D15
LA09_P	D14
LA10_N	C15
LA10_P	C14
LA11_N	H17
LA11_P	H16
LA12_N	G16
LA12_P	G15
LA13_N	D18
LA13_P	D17
LA14_N	C19
LA14_P	C18
LA15_N	H20
LA15_P	H19
LA16_N	G19
LA16_P	G18
LA16_P	D21
LA17_N_CC	D20
LA17_P_CC	C23
LA18_N_CC	C22
LA18_P_CC	H23
LA19_N	H22
LA19_P	G22
LA20_N	G21
LA20_P	H26
LA21_N	H25
LA21_P	G25
LA22_N	G24
LA22_P	D24
LA23_N	D23
LA23_P	H29
LA24_N	H28
LA24_P	G28
LA25_N	G27
LA26_N	D27
LA26_P	D26
LA27_N	C27
LA27_P	C26
LA28_N	H32
LA28_P	H31
LA29_N	G31
LA29_P	G30
LA30_N	H35
LA30_P	H34
LA31_N	G34
LA31_P	G33
LA32_N	H38
LA32_P	H37
LA33_N	G37
LA33_P	G36

ASP-134488-01

J1-H	
A1	GND
C1	GND
E1	GND
G1	GND
J1	GND
B2	GND
D2	GND
F2	GND
K2	GND
B3	GND
D3	GND
F3	GND
H3	GND
K3	GND
A4	GND
C4	GND
E4	GND
G4	GND
J4	GND
A5	GND
C5	GND
E5	GND
G5	GND
J5	GND
B6	GND
D6	GND
F6	GND
H6	GND
K6	GND
B7	GND
D7	GND
A8	GND
C8	GND
E8	GND
G8	GND
J8	GND
A9	GND
C9	GND
F9	GND
H9	GND
K9	GND
B10	GND
D10	GND
F10	GND
H10	GND
J10	GND
A11	GND
C11	GND
E11	GND
G11	GND
J11	GND
A12	GND
C12	GND
F12	GND
H12	GND
K12	GND
A13	GND
C13	GND
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J14	GND
B15	GND
D15	GND
F15	GND
H15	GND
K15	GND
A16	GND
C16	GND
D16	GND
A17	GND
C17	GND
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D18	GND
F18	GND
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K18	GND
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H30	GND
K30	GND
B31	GND
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C32	GND
E32	GND
G32	GND
J32	GND
A33	GND
C33	GND
F33	GND
H33	GND
K33	GND
B34	GND
D34	GND
E35	GND
G35	GND
J35	GND
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C36	GND
F36	GND
H36	GND
K36	GND
A37	GND
D37	GND
B38	GND
C38	GND
E38	GND
G38	GND
J38	GND
B39	GND
D39	GND
F39	GND
H39	GND
K39	GND
A40	GND
C40	GND
E40	GND
G40	GND
J40	GND

ASP-134488-01

D

D

C

C

B

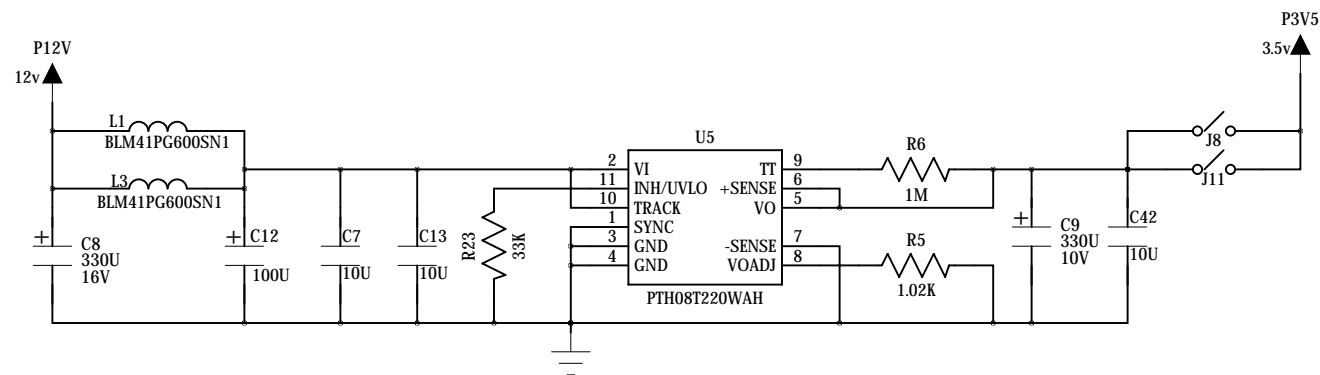
B

A

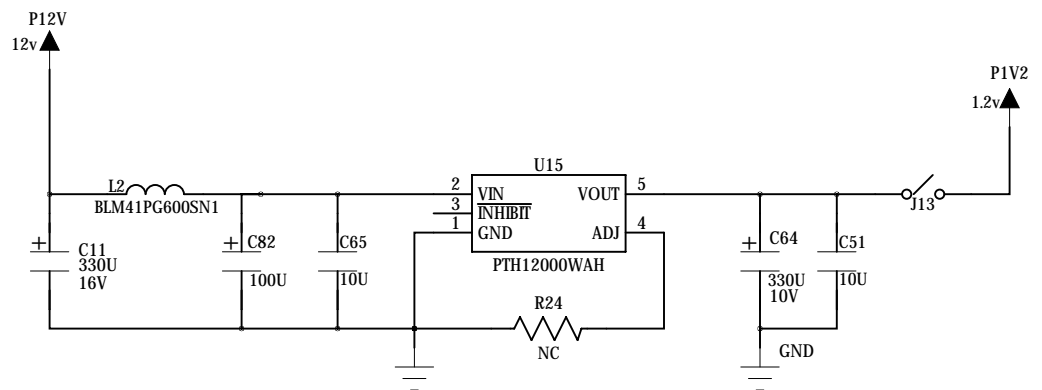
A



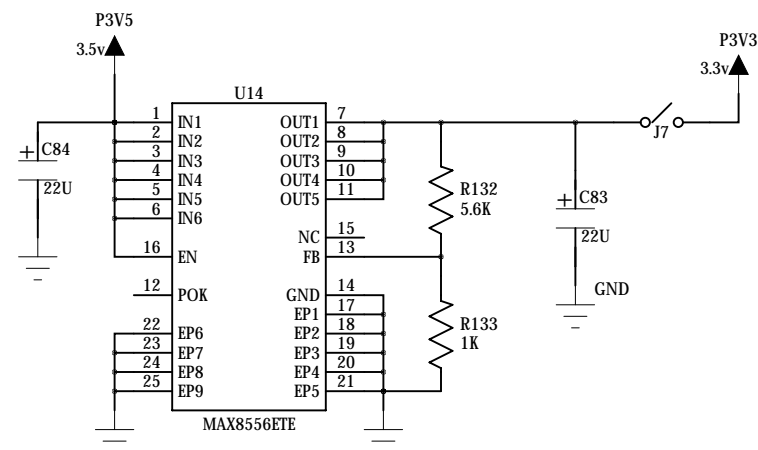
P3V5 16A



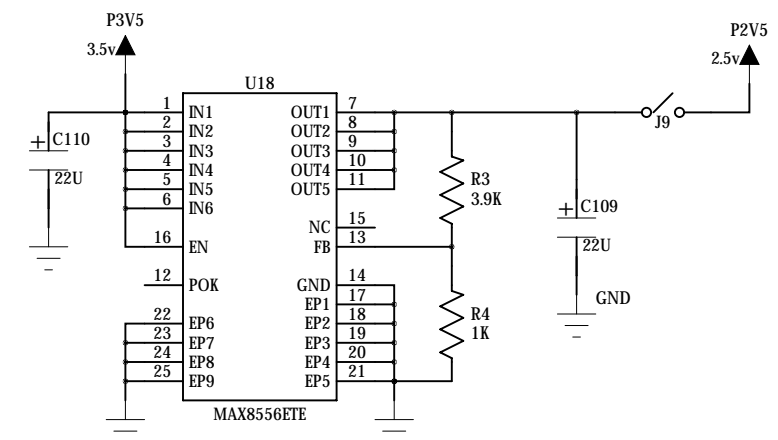
P1V2 6A(FPGA CORE)



P3V3 4A



P2V5 4A

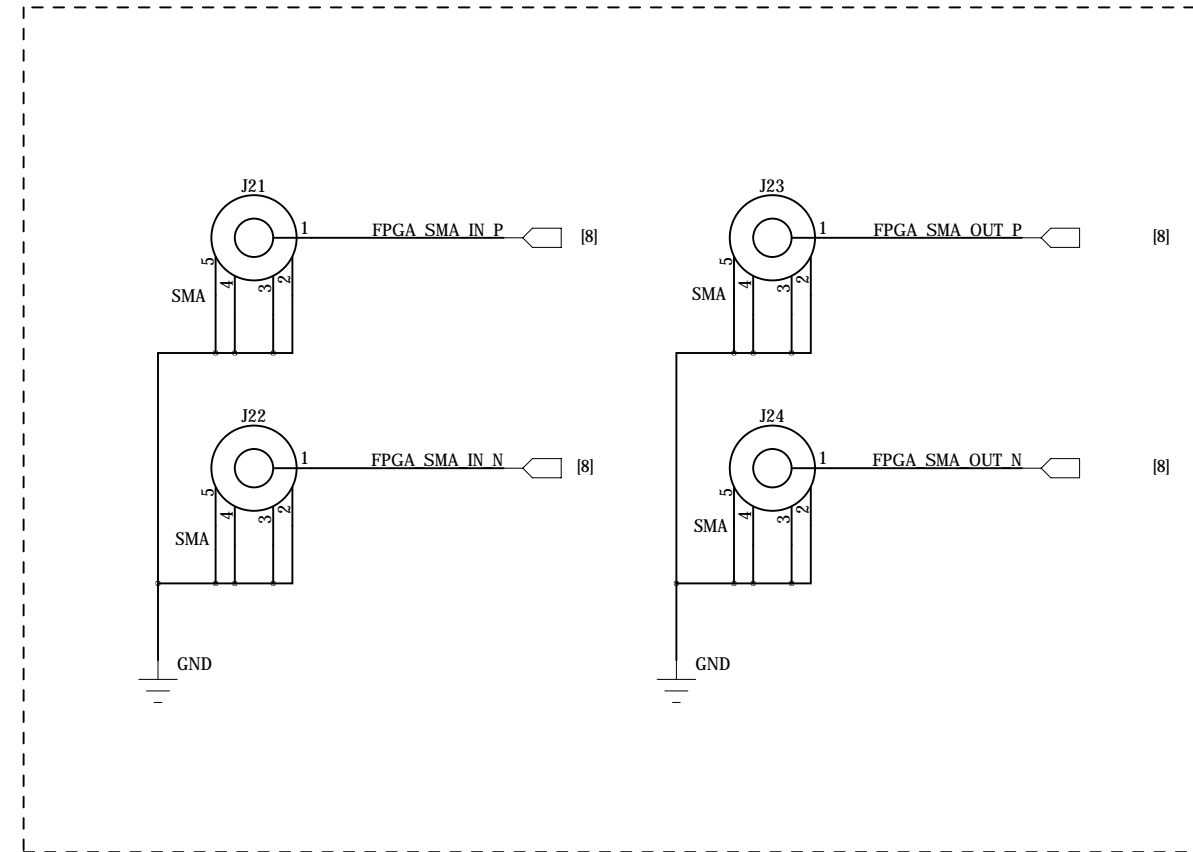
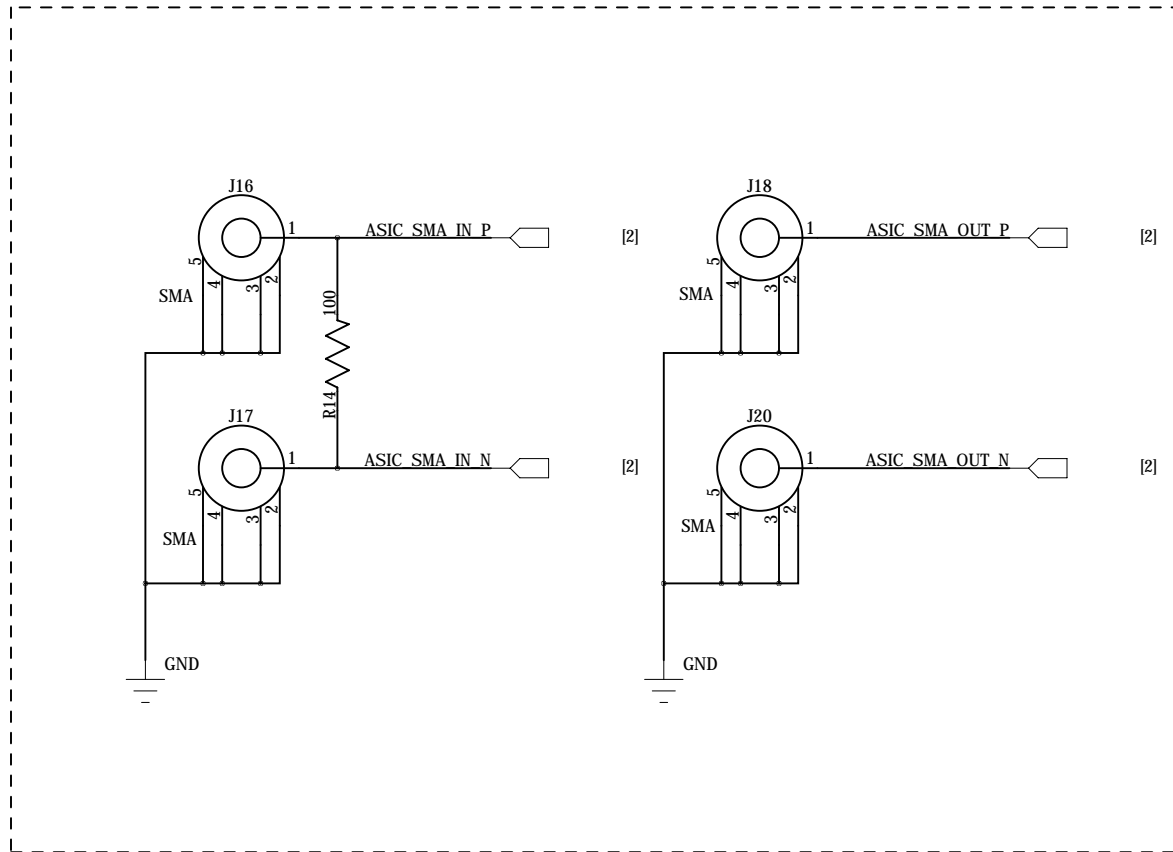


D

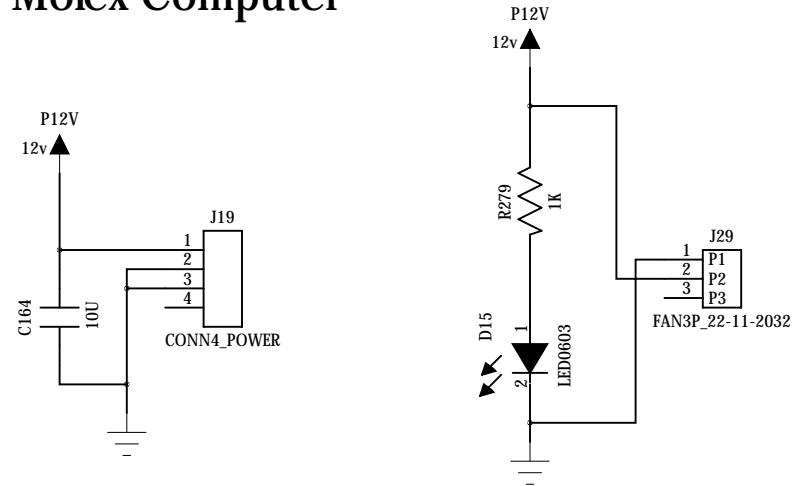
C

B

A



Molex Computer



LED

