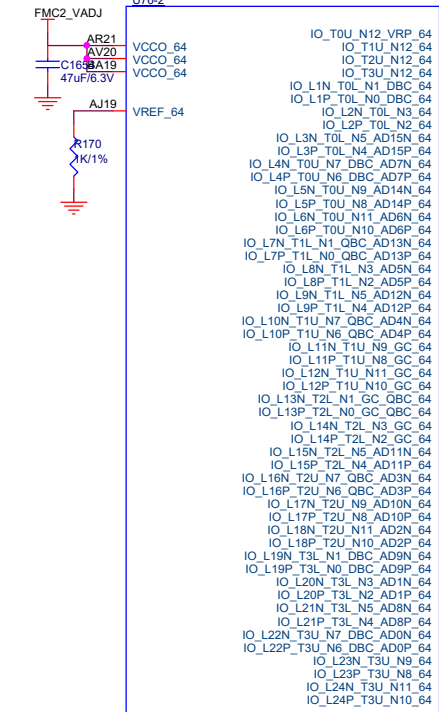
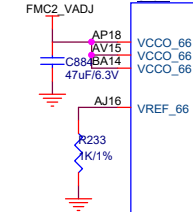


+1.8V OR +1.2V



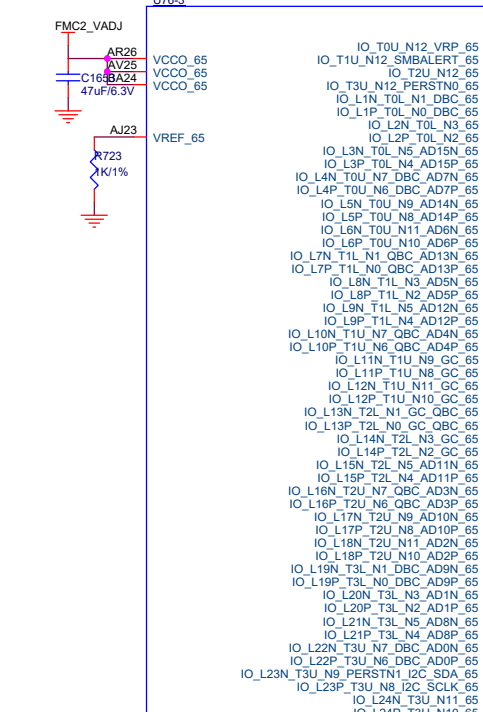
xczu19eg-fvc1760-24

+1.8V



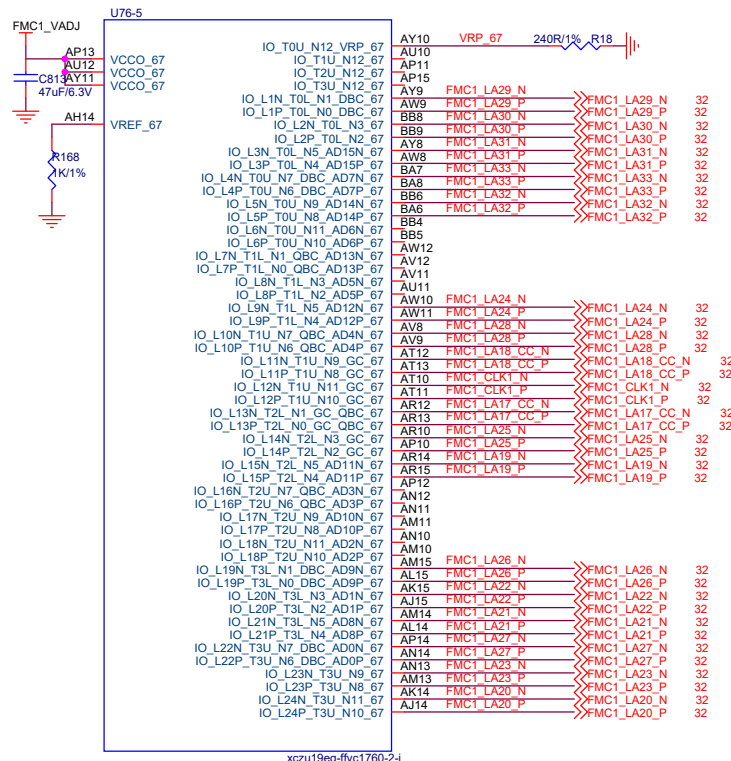
xczu19eg-fvc1760-24

+1.8V OR +1.2V



xczu19eg-fvc1760-24

+1.8V or +1.2V



+1.8V or +1.2V



U76-14

MGTYRXN0_128
MGTYRXP0_128
MGTYRXN1_128
MGTYRXP1_128
MGTYRXN2_128
MGTYRXP2_128
MGTYRXN3_128
MGTYRXP3_128

W42 QSFP1_RX1_N >> QSFP1_RX1_N 39
W41 QSFP1_RX1_P >> QSFP1_RX1_P 39
V40 QSFP1_RX2_N >> QSFP1_RX2_N 39
V39 QSFP1_RX2_P >> QSFP1_RX2_P 39
U42 QSFP1_RX3_N >> QSFP1_RX3_N 39
U41 QSFP1_RX3_P >> QSFP1_RX3_P 39
T40 QSFP1_RX4_N >> QSFP1_RX4_N 39
T39 QSFP1_RX4_P >> QSFP1_RX4_P 39

Y35 QSFP1_TX1_N >> QSFP1_TX1_N 39
Y34 QSFP1_TX1_P >> QSFP1_TX1_P 39
W37 QSFP1_TX2_N >> QSFP1_TX2_N 39
W36 QSFP1_TX2_P >> QSFP1_TX2_P 39
V35 QSFP1_TX3_N >> QSFP1_TX3_N 39
V34 QSFP1_TX3_P >> QSFP1_TX3_P 39
U37 QSFP1_TX4_N >> QSFP1_TX4_N 39
U36 QSFP1_TX4_P >> QSFP1_TX4_P 39

MGTREFCLK0N_128 AB35 128 CLK0_N C157B 0.1uF CLK2_N >> CLK2_N 21
MGTREFCLK0P_128 AB34 128 CLK0_P C157A 0.1uF CLK2_P >> CLK2_P 21
MGTREFCLK1N_128 AA33
MGTREFCLK1P_128 AA32

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U76-15

MGTREF_L
MGTAVTTRCAL_L

MGTYRXN0_129
MGTYRXP0_129
MGTYRXN1_129
MGTYRXP1_129
MGTYRXN2_129
MGTYRXP2_129
MGTYRXN3_129
MGTYRXP3_129

R42 QSFP2_RX1_N >> QSFP2_RX1_N 39
R41 QSFP2_RX1_P >> QSFP2_RX1_P 39
P40 QSFP2_RX2_N >> QSFP2_RX2_N 39
P39 QSFP2_RX2_P >> QSFP2_RX2_P 39
N42 QSFP2_RX3_N >> QSFP2_RX3_N 39
N41 QSFP2_RX3_P >> QSFP2_RX3_P 39
M40 QSFP2_RX4_N >> QSFP2_RX4_N 39
M39 QSFP2_RX4_P >> QSFP2_RX4_P 39

T35 QSFP2_TX1_N >> QSFP2_TX1_N 39
T34 QSFP2_TX1_P >> QSFP2_TX1_P 39
R37 QSFP2_TX2_N >> QSFP2_TX2_N 39
R36 QSFP2_TX2_P >> QSFP2_TX2_P 39
P35 QSFP2_TX3_N >> QSFP2_TX3_N 39
P34 QSFP2_TX3_P >> QSFP2_TX3_P 39
N37 QSFP2_TX4_N >> QSFP2_TX4_N 39
N36 QSFP2_TX4_P >> QSFP2_TX4_P 39

MGTREFCLK0N_129 W33 129 CLK0_N C158B 0.1uF CLK3_N >> CLK3_N 21
MGTREFCLK0P_129 W32 129 CLK0_P C158A 0.1uF CLK3_P >> CLK3_P 21
MGTREFCLK1N_129 U33
MGTREFCLK1P_129 U32

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U76-16

MGTYRXN0_130
MGTYRXP0_130
MGTYRXN1_130
MGTYRXP1_130
MGTYRXN2_130
MGTYRXP2_130
MGTYRXN3_130
MGTYRXP3_130

L42 QSFP3_RX1_N >> QSFP3_RX1_N 40
L41 QSFP3_RX1_P >> QSFP3_RX1_P 40
K40 QSFP3_RX2_N >> QSFP3_RX2_N 40
K39 QSFP3_RX2_P >> QSFP3_RX2_P 40
J42 QSFP3_RX3_N >> QSFP3_RX3_N 40
J41 QSFP3_RX3_P >> QSFP3_RX3_P 40
H40 QSFP3_RX4_N >> QSFP3_RX4_N 40
H39 QSFP3_RX4_P >> QSFP3_RX4_P 40

M35 QSFP3_TX1_N >> QSFP3_TX1_N 40
M34 QSFP3_TX1_P >> QSFP3_TX1_P 40
L37 QSFP3_TX2_N >> QSFP3_TX2_N 40
L36 QSFP3_TX2_P >> QSFP3_TX2_P 40
K35 QSFP3_TX3_N >> QSFP3_TX3_N 40
K34 QSFP3_TX3_P >> QSFP3_TX3_P 40
J37 QSFP3_TX4_N >> QSFP3_TX4_N 40
J36 QSFP3_TX4_P >> QSFP3_TX4_P 40

MGTREFCLK0N_130 R33 130 CLK0_N C157B 0.1uF CLK1_N >> CLK1_N 21
MGTREFCLK0P_130 R32 130 CLK0_P C157A 0.1uF CLK1_P >> CLK1_P 21
MGTREFCLK1N_130 N33
MGTREFCLK1P_130 N32

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U76-17

MGTYRXN0_131
MGTYRXP0_131
MGTYRXN1_131
MGTYRXP1_131
MGTYRXN2_131
MGTYRXP2_131
MGTYRXN3_131
MGTYRXP3_131

G42 QSFP4_RX1_N >> QSFP4_RX1_N 40
G41 QSFP4_RX1_P >> QSFP4_RX1_P 40
F40 QSFP4_RX2_N >> QSFP4_RX2_N 40
F39 QSFP4_RX2_P >> QSFP4_RX2_P 40
E42 QSFP4_RX3_N >> QSFP4_RX3_N 40
E41 QSFP4_RX3_P >> QSFP4_RX3_P 40
D40 QSFP4_RX4_N >> QSFP4_RX4_N 40
D39 QSFP4_RX4_P >> QSFP4_RX4_P 40

H35 QSFP4_TX1_N >> QSFP4_TX1_N 40
H34 QSFP4_TX1_P >> QSFP4_TX1_P 40
G37 QSFP4_TX2_N >> QSFP4_TX2_N 40
G36 QSFP4_TX2_P >> QSFP4_TX2_P 40
F35 QSFP4_TX3_N >> QSFP4_TX3_N 40
F34 QSFP4_TX3_P >> QSFP4_TX3_P 40
E37 QSFP4_TX4_N >> QSFP4_TX4_N 40
E36 QSFP4_TX4_P >> QSFP4_TX4_P 40

MGTREFCLK0N_131 L33 131 CLK0_N C157B 0.1uF CLK0_N >> CLK0_N 21
MGTREFCLK0P_131 L32 131 CLK0_P C157A 0.1uF CLK0_P >> CLK0_P 21
MGTREFCLK1N_131 J33
MGTREFCLK1P_131 J32

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U76-26

PS_MGTRRXN0_505
PS_MGTRRXN1_505
PS_MGTRRXN2_505
PS_MGTRRXN3_505
PS_MGTRRXN4_505
PS_MGTRRXN5_505

AG42 PCIE_RX_N >> PCIE_RX_N 27
AG41 PCIE_RX_P >> PCIE_RX_P 27
AE42 USB_SSRXN >> USB_SSRXN 22
AE41 USB_SSRXP >> USB_SSRXP 22

AC42
AC41
AA42
AA41

PS_MGTRTXN0_505 AH40 PCIE_TX_N >> PCIE_TX_N 27
PS_MGTRTXN1_505 AH39 PCIE_TX_P >> PCIE_TX_P 27
PS_MGTRTXN2_505 AF40 USB_SSTXN >> USB_SSTXN 22
PS_MGTRTXN3_505 AF39 USB_SSTXP >> USB_SSTXP 22
PS_MGTRTXN4_505 AD40 G11_DP_TX_N >> G11_DP_TX_N 26
PS_MGTRTXN5_505 AD39 G11_DP_TX_P >> G11_DP_TX_P 26
PS_MGTRTXN6_505 AB40 G10_DP_TX_N >> G10_DP_TX_N 26
PS_MGTRTXN7_505 AB39 G10_DP_TX_P >> G10_DP_TX_P 26

PS_MGTREFCLK0N_505 AG37 505 PCIE_REFCLK_N >> 505 PCIE_REFCLK_N 20
PS_MGTREFCLK0P_505 AG38 505 PCIE_REFCLK_P >> 505 PCIE_REFCLK_P 20
PS_MGTREFCLK1N_505 AE38 505 USB_CLKN >> 505 USB_CLKN 20
PS_MGTREFCLK1P_505 AE37 505 USB_CLKP >> 505 USB_CLKP 20
PS_MGTREFCLK2N_505 AC38 505 DP_CLKN >> 505 DP_CLKN 20
PS_MGTREFCLK2P_505 AC37 505 DP_CLKP >> 505 DP_CLKP 20
PS_MGTREFCLK3N_505 AA38
PS_MGTREFCLK3P_505 AA37

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U76-18

MGTHRXN0_224	BA1	FMC2_DP5_M2C_N	FMC2_DP5_M2C_N	37
MGTHRXP0_224	BA2	FMC2_DP5_M2C_P	FMC2_DP5_M2C_P	37
MGTHRXN1_224	AW1	FMC2_DP6_M2C_N	FMC2_DP6_M2C_N	37
MGTHRXP1_224	AW2	FMC2_DP6_M2C_P	FMC2_DP6_M2C_P	37
MGTHRXN2_224	AV3	FMC2_DP4_M2C_N	FMC2_DP4_M2C_N	37
MGTHRXP2_224	AV4	FMC2_DP4_M2C_P	FMC2_DP4_M2C_P	37
MGTHRXN3_224	AU1	FMC2_DP7_M2C_N	FMC2_DP7_M2C_N	37
MGTHRXP3_224	AU2	FMC2_DP7_M2C_P	FMC2_DP7_M2C_P	37
MGHTXN0_224	AY3	FMC2_DP5_C2M_N	FMC2_DP5_C2M_N	37
MGHTXP0_224	AY4	FMC2_DP5_C2M_P	FMC2_DP5_C2M_P	37
MGHTXN1_224	AW5	FMC2_DP6_C2M_N	FMC2_DP6_C2M_N	37
MGHTXP1_224	AW6	FMC2_DP6_C2M_P	FMC2_DP6_C2M_P	37
MGHTXN2_224	AU5	FMC2_DP4_C2M_N	FMC2_DP4_C2M_N	37
MGHTXP2_224	AU6	FMC2_DP4_C2M_P	FMC2_DP4_C2M_P	37
MGHTXN3_224	AT7	FMC2_DP7_C2M_N	FMC2_DP7_C2M_N	37
MGHTXP3_224	AT8	FMC2_DP7_C2M_P	FMC2_DP7_C2M_P	37
MGTREFCLK0N_224	AK11	C713	0.1uF FMC2_GBTCLK1_M2C_N	FMC2_GBTCLK1_M2C_N 37
MGTREFCLK0P_224	AK12	C714	0.1uF FMC2_GBTCLK1_M2C_P	FMC2_GBTCLK1_M2C_P 37
MGTREFCLK1N_224	AJ9		FMC2_GBTCLK0_M2C_C_N	FMC2_GBTCLK0_M2C_C_N 37
MGTREFCLK1P_224	AJ10		FMC2_GBTCLK0_M2C_C_P	FMC2_GBTCLK0_M2C_C_P 37

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U76-19

MGTHRXN0_225	AT3	FMC2_DP3_M2C_N	FMC2_DP3_M2C_N	37
MGTHRXP0_225	AT4	FMC2_DP3_M2C_P	FMC2_DP3_M2C_P	37
MGTHRXN1_225	AR1	FMC2_DP0_M2C_N	FMC2_DP0_M2C_N	35
MGTHRXP1_225	AR2	FMC2_DP0_M2C_P	FMC2_DP0_M2C_P	35
MGTHRXN2_225	AP3	FMC2_DP2_M2C_N	FMC2_DP2_M2C_N	37
MGTHRXP2_225	AP4	FMC2_DP2_M2C_P	FMC2_DP2_M2C_P	37
MGTHRXN3_225	AN1	FMC2_DP1_M2C_N	FMC2_DP1_M2C_N	37
MGTHRXP3_225	AN2	FMC2_DP1_M2C_P	FMC2_DP1_M2C_P	37
MGHTXN0_225	AR5	FMC2_DP3_C2M_N	FMC2_DP3_C2M_N	37
MGHTXP0_225	AR6	FMC2_DP3_C2M_P	FMC2_DP3_C2M_P	37
MGHTXN1_225	AP7	FMC2_DP0_C2M_N	FMC2_DP0_C2M_N	35
MGHTXP1_225	AP8	FMC2_DP0_C2M_P	FMC2_DP0_C2M_P	35
MGHTXN2_225	AN5	FMC2_DP2_C2M_N	FMC2_DP2_C2M_N	37
MGHTXP2_225	AN6	FMC2_DP2_C2M_P	FMC2_DP2_C2M_P	37
MGHTXN3_225	AM7	FMC2_DP1_C2M_N	FMC2_DP1_C2M_N	37
MGHTXP3_225	AM8	FMC2_DP1_C2M_P	FMC2_DP1_C2M_P	37
MGTREFCLK0N_225	AH11	FMC2_GBTCLK0_M2C_C_N	C718 0.1uF FMC2_GBTCLK0_M2C_N	FMC2_GBTCLK0_M2C_N 35
MGTREFCLK0P_225	AH12	FMC2_GBTCLK0_M2C_C_P	C719 0.1uF FMC2_GBTCLK0_M2C_P	FMC2_GBTCLK0_M2C_P 35
MGTREFCLK1N_225	AG9	HDMI_DRU2_CLOCK_N	C159 0.01uF	CLK7_N 21
MGTREFCLK1P_225	AG10	HDMI_DRU2_CLOCK_P	C159 0.01uF	CLK7_P 21

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U76-20

MGTHRXN0_226	AM3		PCIE_RX7_N	38
MGTHRXP0_226	AM4		PCIE_RX7_P	38
MGTHRXN1_226	AL2		PCIE_RX6_N	38
MGTHRXP1_226	AK3		PCIE_RX6_P	38
MGTHRXN2_226	AK4		PCIE_RX5_N	38
MGTHRXP2_226	AJ1		PCIE_RX5_P	38
MGTHRXN3_226	AJ2		PCIE_RX4_N	38
MGTHRXP3_226			PCIE_RX4_P	38
MGHTXN0_226	AL5		PCIE_TX7_N	38
MGHTXP0_226	AL6		PCIE_TX7_P	38
MGHTXN1_226	AK7		PCIE_TX6_N	38
MGHTXP1_226	AK8		PCIE_TX6_P	38
MGHTXN2_226	AJ5		PCIE_TX5_N	38
MGHTXP2_226	AJ6		PCIE_TX5_P	38
MGHTXN3_226	AH7		PCIE_TX4_N	38
MGHTXP3_226	AH8		PCIE_TX4_P	38
MGTREFCLK0N_226	AF11	226_PCIE_CLK_N	226_PCIE_CLK_N	21
MGTREFCLK0P_226	AF12	226_PCIE_CLK_P	226_PCIE_CLK_P	21
MGTREFCLK1N_226	AE9			
MGTREFCLK1P_226	AE10			

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U76-21

MGTHRXN0_227	AH3		PCIE_RX3_N	38
MGTHRXP0_227	AH4		PCIE_RX3_P	38
MGTHRXN1_227	AG1		PCIE_RX2_N	38
MGTHRXP1_227	AG2		PCIE_RX2_P	38
MGTHRXN2_227	AF3		PCIE_RX1_N	38
MGTHRXP2_227	AF4		PCIE_RX1_P	38
MGTHRXN3_227	AE1		PCIE_RX0_N	38
MGTHRXP3_227	AE2		PCIE_RX0_P	38
MGHTXN0_227	AG5		PCIE_TX3_N	38
MGHTXP0_227	AG6		PCIE_TX3_P	38
MGHTXN1_227	AF7		PCIE_TX2_N	38
MGHTXP1_227	AF8		PCIE_TX2_P	38
MGHTXN2_227	AE5		PCIE_TX1_N	38
MGHTXP2_227	AE6		PCIE_TX1_P	38
MGHTXN3_227	AD7		PCIE_TX0_N	38
MGHTXP3_227	AD8		PCIE_TX0_P	38
MGTREFCLK0N_227	AD11	227_PCIE_CLK_N	C182 0.01uF	CLK5_N 21
MGTREFCLK0P_227	AD12	227_PCIE_CLK_P	C182 0.01uF	CLK5_P 21
MGTREFCLK1N_227	AC9			
MGTREFCLK1P_227	AC10			

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U76-22

MGTHRXN0_228	AD3		SATA1_RX_N	41
MGTHRXP0_228	AD4		SATA1_RX_P	41
MGTHRXN1_228	AC1		SATA2_RX_N	41
MGTHRXP1_228	AC2		SATA2_RX_P	41
MGTHRXN2_228	AB3		SATA3_RX_N	41
MGTHRXP2_228	AB4		SATA3_RX_P	41
MGTHRXN3_228	AA1		SATA4_RX_N	41
MGTHRXP3_228	AA2		SATA4_RX_P	41
MGHTXN0_228	AC5		SATA1_TX_N	41
MGHTXP0_228	AC6		SATA1_TX_P	41
MGHTXN1_228	AB7		SATA2_TX_N	41
MGHTXP1_228	AB8		SATA2_TX_P	41
MGHTXN2_228	AA5		SATA3_TX_N	41
MGHTXP2_228	AA6		SATA3_TX_P	41
MGHTXN3_228	Y7		SATA4_TX_N	41
MGHTXP3_228	Y8		SATA4_TX_P	41
MGTREFCLK0N_228	AB11	SATA_CLK_N	C160 0.01uF	CLK6_N 21
MGTREFCLK0P_228	AB12	SATA_CLK_P	C160 0.01uF	CLK6_P 21
MGTREFCLK1N_228	AA9			
MGTREFCLK1P_228	AA10			

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U76-23

MGTHRXN0_229	Y3			
MGTHRXP0_229	Y4			
MGTHRXN1_229	W1			
MGTHRXP1_229	W2			
MGTHRXN2_229	V3			
MGTHRXP2_229	V4			
MGTHRXN3_229	U1			
MGTHRXP3_229	U2			
MGHTXN0_229	W5			
MGHTXP0_229	W6			
MGHTXN1_229	V7			
MGHTXP1_229	V8			
MGHTXN2_229	U5			
MGHTXP2_229	U6			
MGHTXN3_229	T7			
MGHTXP3_229	T8			
MGTREFCLK0N_229	Y11			
MGTREFCLK0P_229	Y12			
MGTREFCLK1N_229	W9			
MGTREFCLK1P_229	W10			

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U76-24

MGTHRXN0_230	T3	FMC1_DP5_M2C_N	FMC1_DP5_M2C_N	34
MGTHRXP0_230	T4	FMC1_DP5_M2C_P	FMC1_DP5_M2C_P	34
MGTHRXN1_230	R1	FMC1_DP6_M2C_N	FMC1_DP6_M2C_N	34
MGTHRXP1_230	R2	FMC1_DP6_M2C_P	FMC1_DP6_M2C_P	34
MGTHRXN2_230	P3	FMC1_DP4_M2C_N	FMC1_DP4_M2C_N	34
MGTHRXP2_230	P4	FMC1_DP4_M2C_P	FMC1_DP4_M2C_P	34
MGTHRXN3_230	N5	FMC1_DP4_M2C_N	FMC1_DP4_M2C_N	34
MGTHRXP3_230	N1	FMC1_DP7_M2C_N	FMC1_DP7_M2C_N	34
	N2	FMC1_DP7_M2C_P	FMC1_DP7_M2C_P	34
MGHTXN0_230	R5	FMC1_DP5_C2M_N	FMC1_DP5_C2M_N	34
MGHTXP0_230	R6	FMC1_DP5_C2M_P	FMC1_DP5_C2M_P	34
MGHTXN1_230	P7	FMC1_DP6_C2M_N	FMC1_DP6_C2M_N	34
MGHTXP1_230	P8	FMC1_DP6_C2M_P	FMC1_DP6_C2M_P	34
MGHTXN2_230	N6	FMC1_DP4_C2M_N	FMC1_DP4_C2M_N	34
MGHTXP2_230	M7	FMC1_DP7_C2M_N	FMC1_DP7_C2M_N	34
MGHTXN3_230	M8	FMC1_DP7_C2M_P	FMC1_DP7_C2M_P	34
MGHTXP3_230				
MGTREFCLK0N_230	V11	C149 0.1uF	FMC1_GBTCLK1_M2C_N	FMC1_GBTCLK1_M2C_N 34
MGTREFCLK0P_230	V12	C149 0.1uF	FMC1_GBTCLK1_M2C_P	FMC1_GBTCLK1_M2C_P 34
MGTREFCLK1N_230	U9		FMC1_GBTCLK0_M2C_C_N	FMC1_GBTCLK0_M2C_C_N 34
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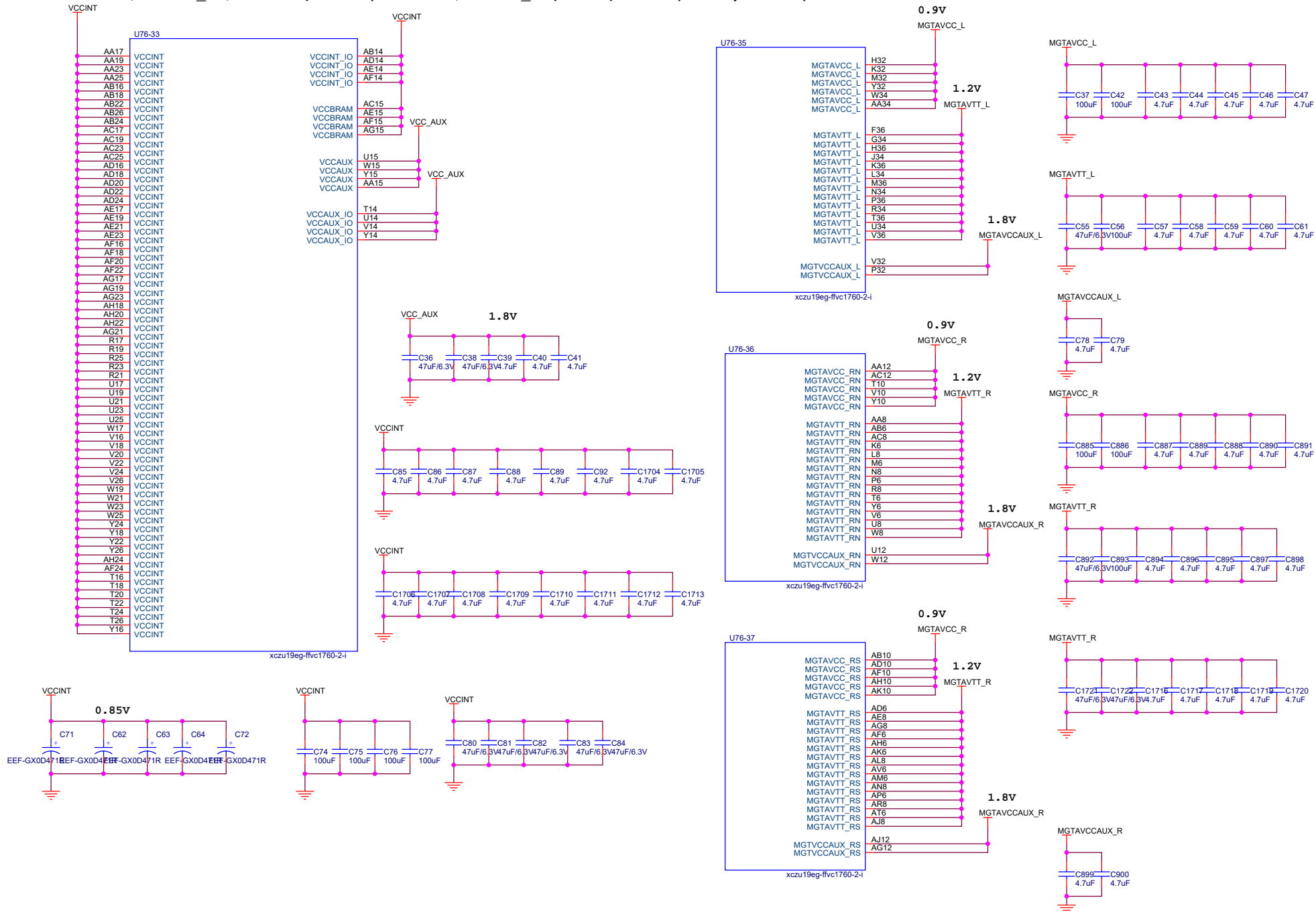
xczu19eg-ffvc1760-2-i

U76-25

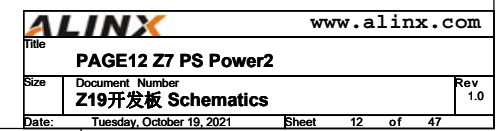
MGTHRXN0_231	M3	FMC1_DP3_M2C_N	FMC1_DP3_M2C_N	34
MGTHRXP0_231	M4	FMC1_DP3_M2C_P	FMC1_DP3_M2C_P	34
MGTHRXN1_231	L1	FMC1_DP2_M2C_N	FMC1_DP2_M2C_N	34
MGTHRXP1_231	L2	FMC1_DP2_M2C_P	FMC1_DP2_M2C_P	34
MGTHRXN2_231	J1	FMC1_DP1_M2C_N	FMC1_DP1_M2C_N	34
MGTHRXP2_231	J2	FMC1_DP1_M2C_P	FMC1_DP1_M2C_P	34
MGTHRXN3_231	G1	FMC1_DP0_M2C_N	FMC1_DP0_M2C_N	32
MGTHRXP3_231	G2	FMC1_DP0_M2C_P	FMC1_DP0_M2C_P	32
MGHTXN0_231	L5	FMC1_DP3_C2M_N	FMC1_DP3_C2M_N	34
MGHTXP0_231	L6	FMC1_DP3_C2M_P	FMC1_DP3_C2M_P	34
MGHTXN1_231	K3	FMC1_DP2_C2M_N	FMC1_DP2_C2M_N	34
MGHTXP1_231	K4	FMC1_DP2_C2M_P	FMC1_DP2_C2M_P	34
MGHTXN2_231	J5	FMC1_DP1_C2M_N	FMC1_DP1_C2M_N	34
MGHTXP2_231	J6	FMC1_DP1_C2M_P	FMC1_DP1_C2M_P	34
MGHTXN3_231	H3	FMC1_DP0_C2M_N	FMC1_DP0_C2M_N	32
MGHTXP3_231	H4	FMC1_DP0_C2M_P	FMC1_DP0_C2M_P	32
MGTREFCLK0N_231	T11	FMC1_GBTCLK0_M2C_C_N	C149 0.1uF FMC1_GBTCLK0_M2C_N	FMC1_GBTCLK0_M2C_N 32
MGTREFCLK0P_231	T12	FMC1_GBTCLK0_M2C_C_P	C149 0.1uF FMC1_GBTCLK0_M2C_P	FMC1_GBTCLK0_M2C_P 32
MGTREFCLK1N_231	R9	HDMI_DRU1_CLOCK_N		
MGTREFCLK1P_231	R10	HDMI_DRU1_CLOCK_P		

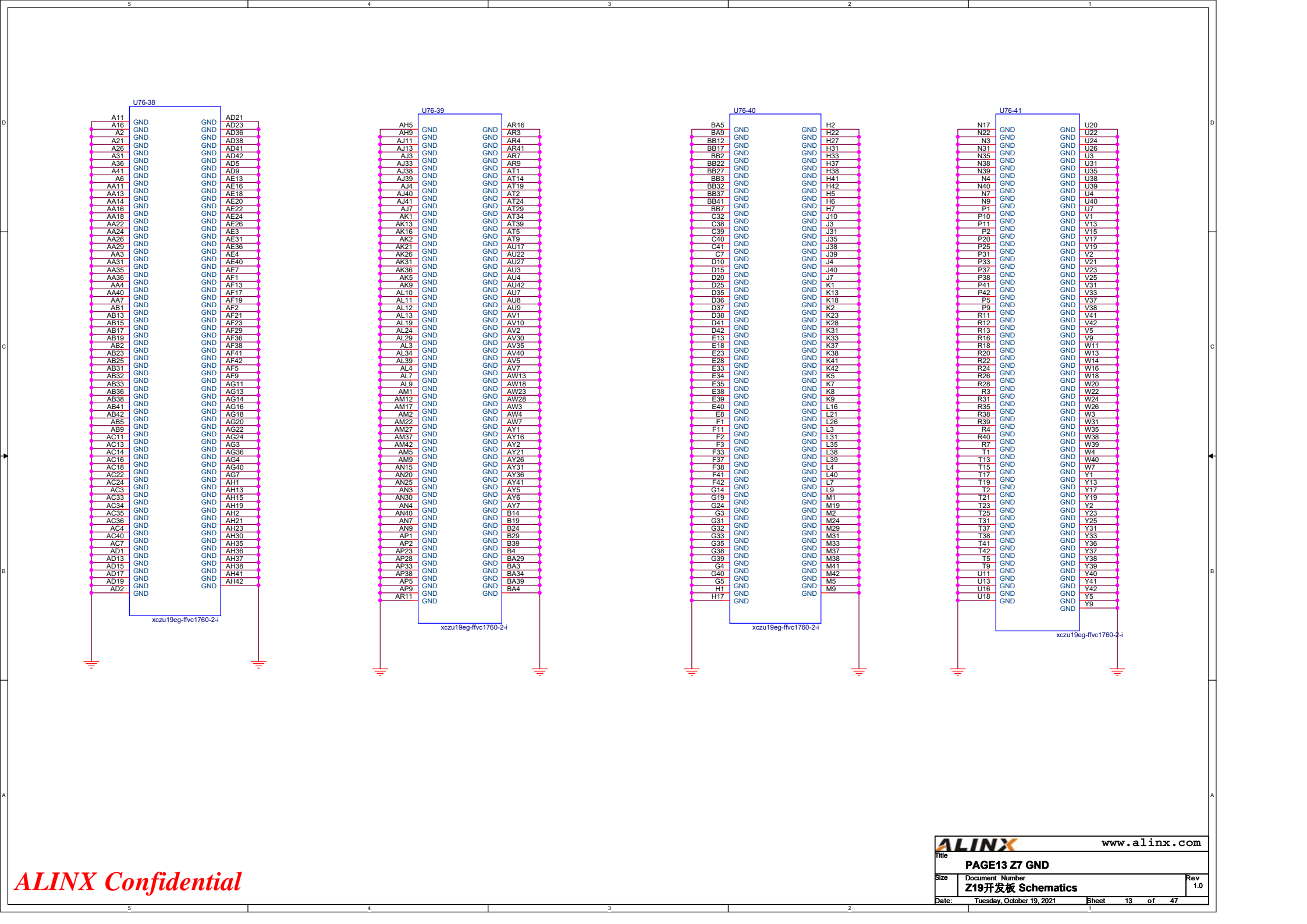
xczu19eg-ffvc1760-2-i

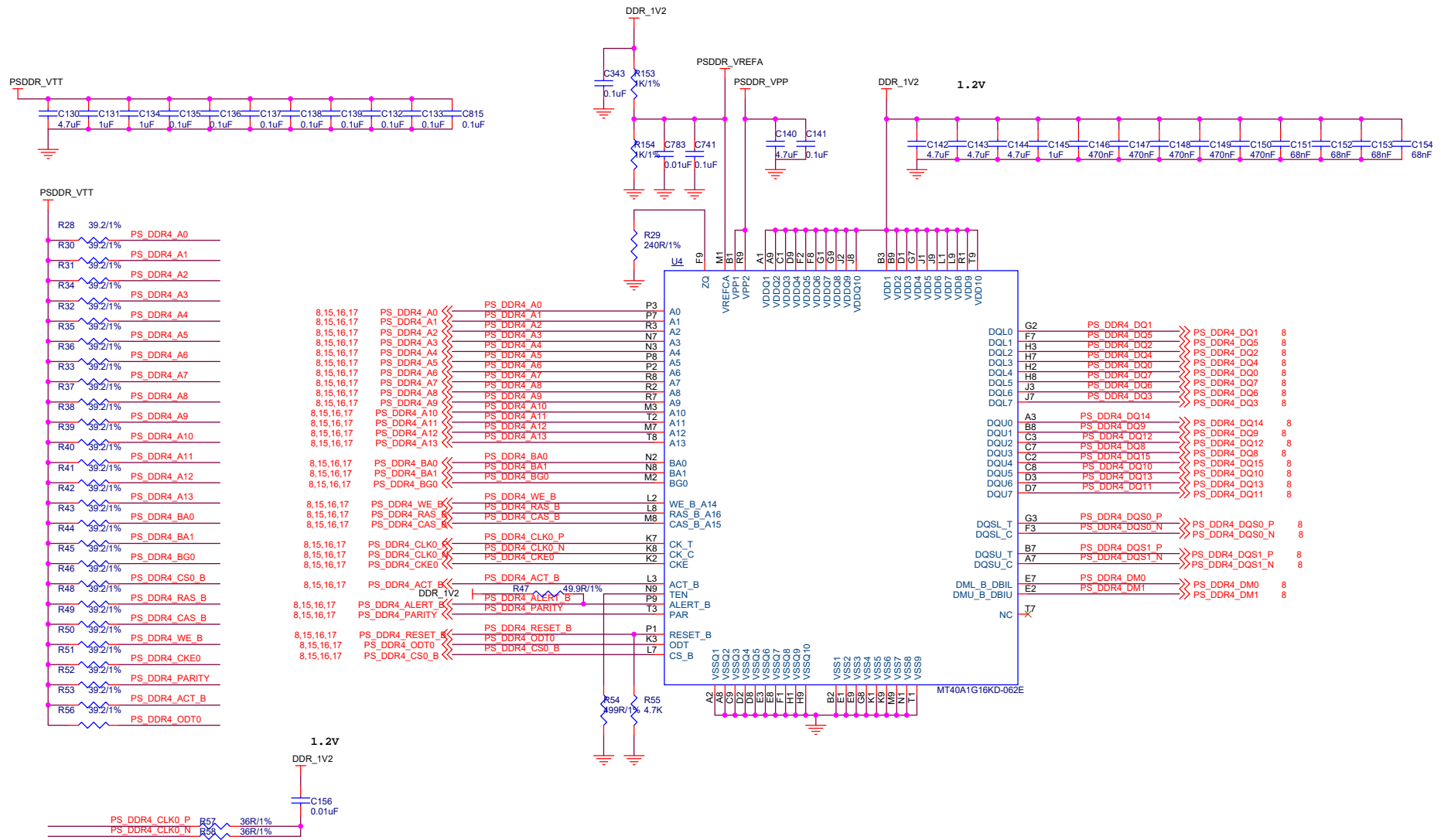
POWER ON: VCCINT/VCCINT_IO/VCCBRAM(+0.85V)->VCCAUX/VCCAUX_IO(+1.8V)->VCCO(+3.3V, +1.8V)

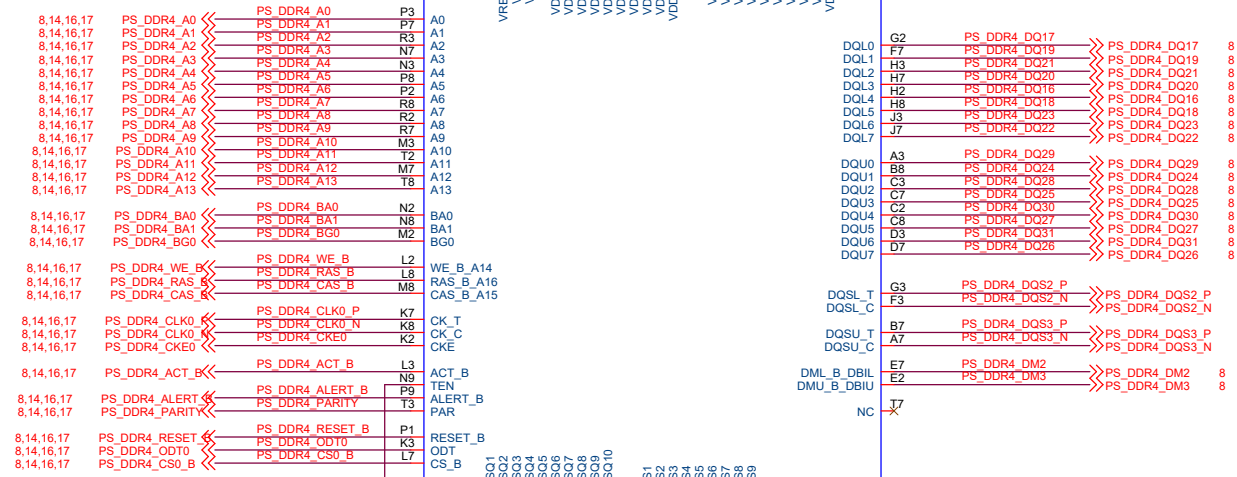


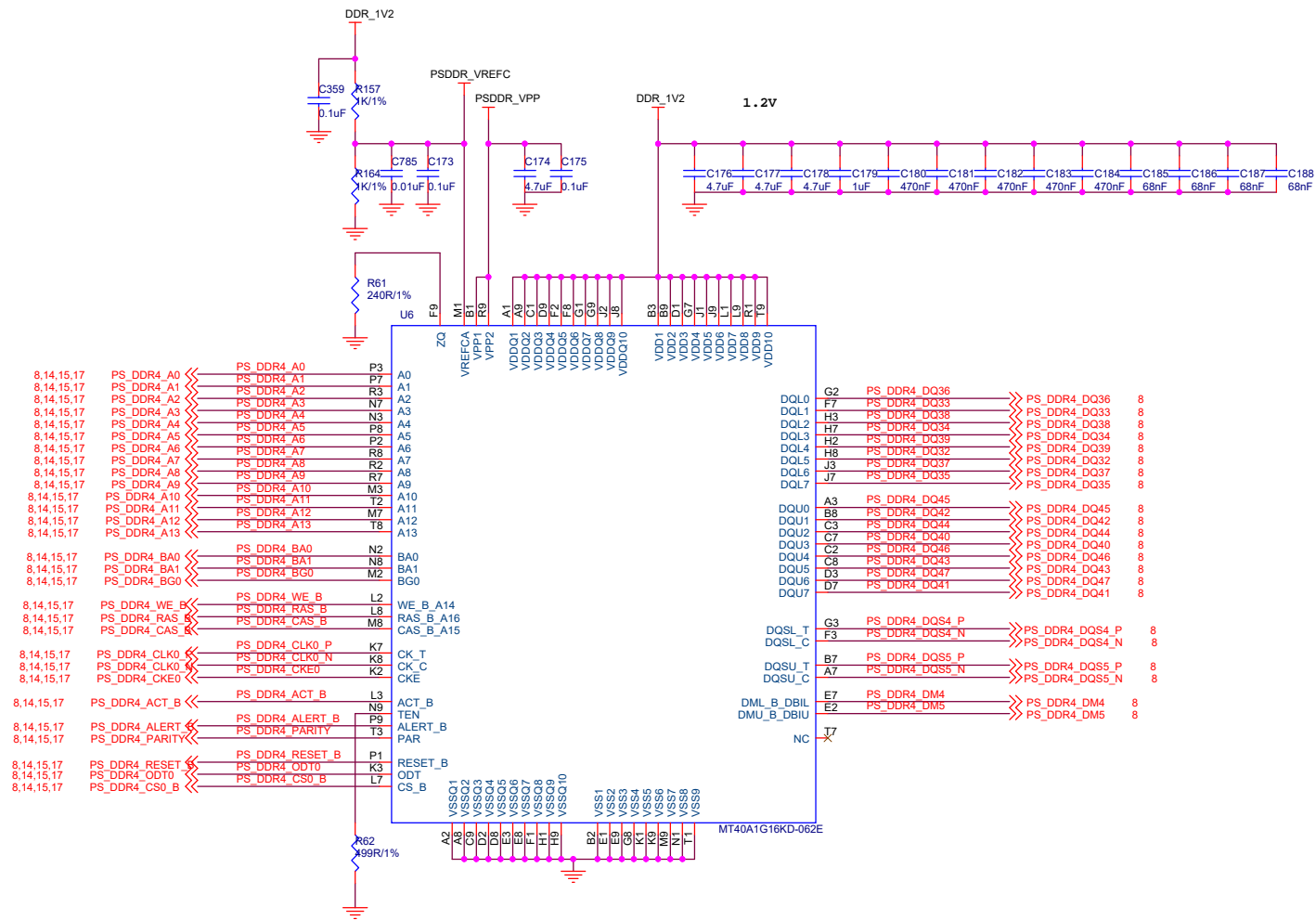
POWER ON: VCC_PSINTLP(+0.85V)->VCC_PSAUX(+1.8V),VCC_PSADC(+1.8V),VCC_PSPLL(+1.2V)->VCCO_PSI0(+1.8V)

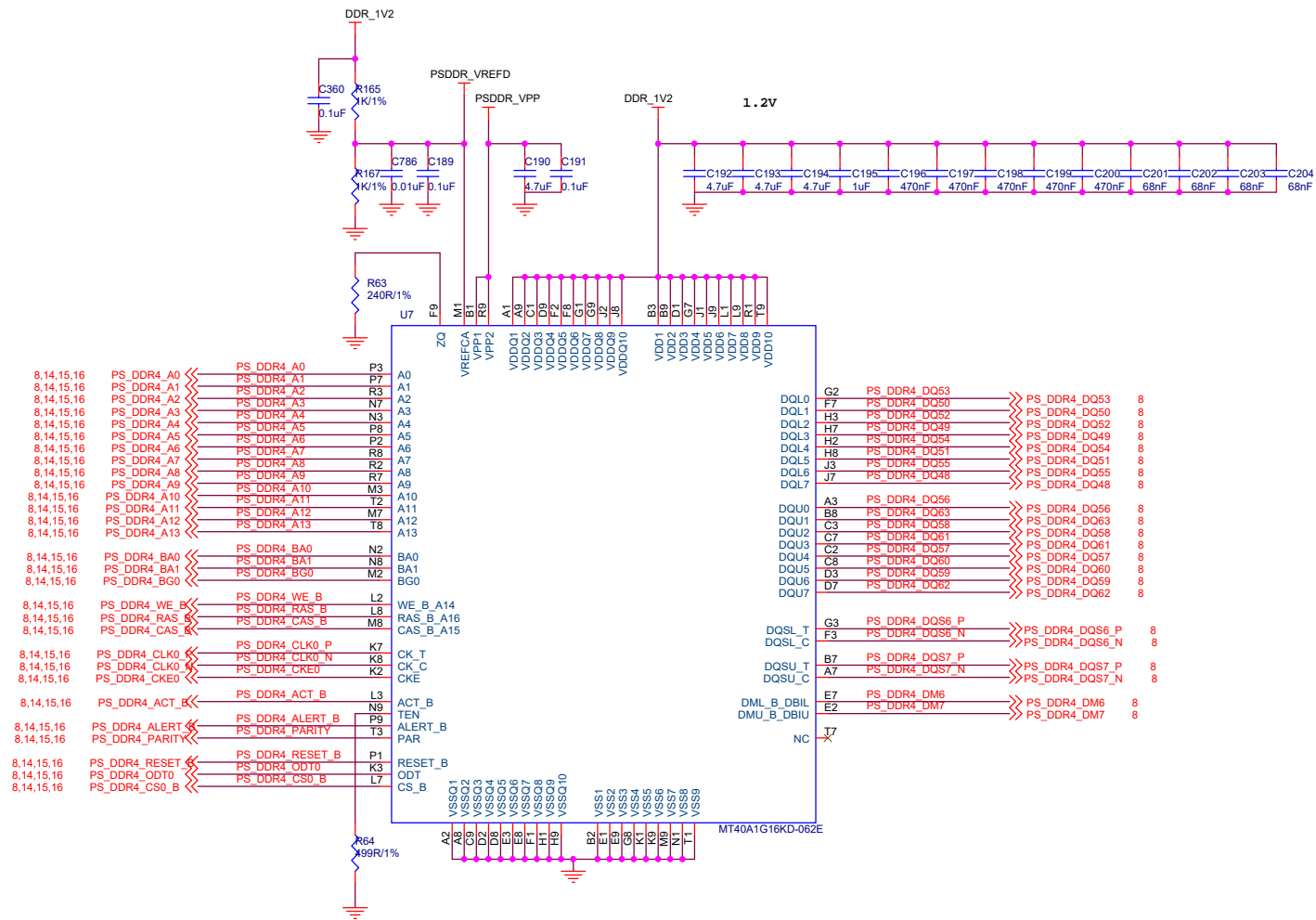


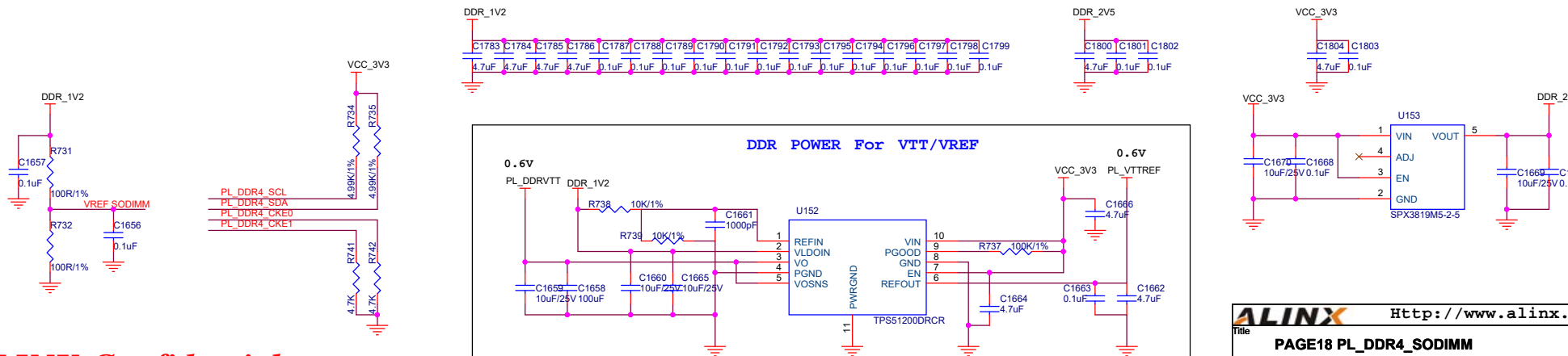


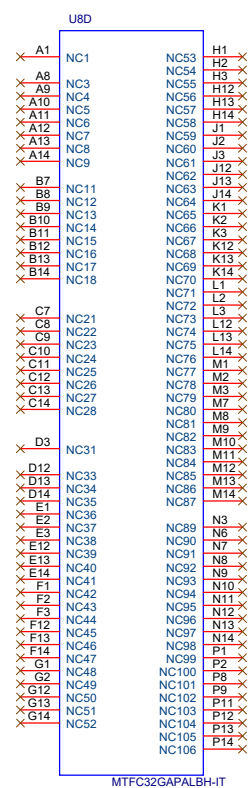






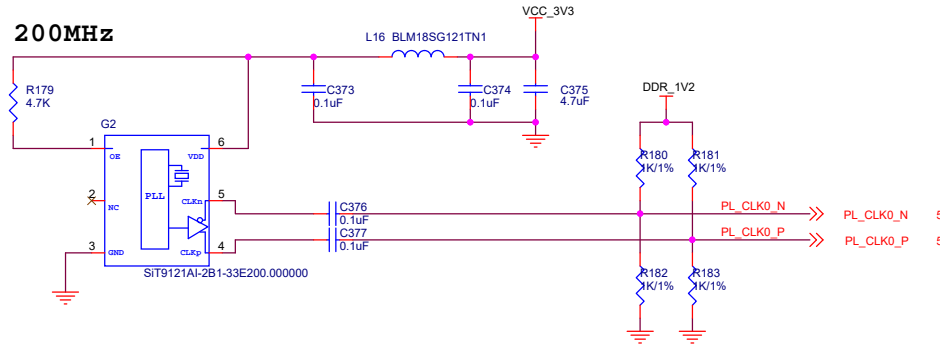






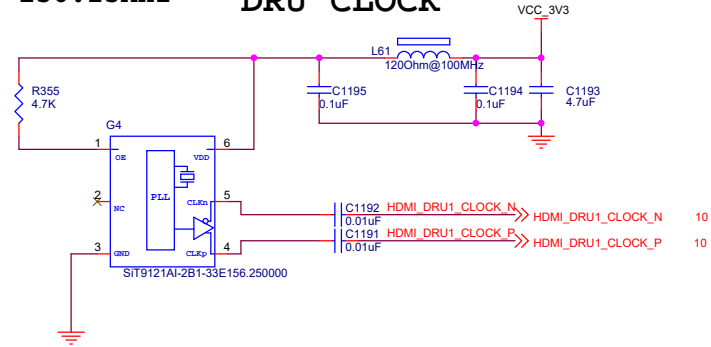
PL SYSTEM CLOCK

200MHz



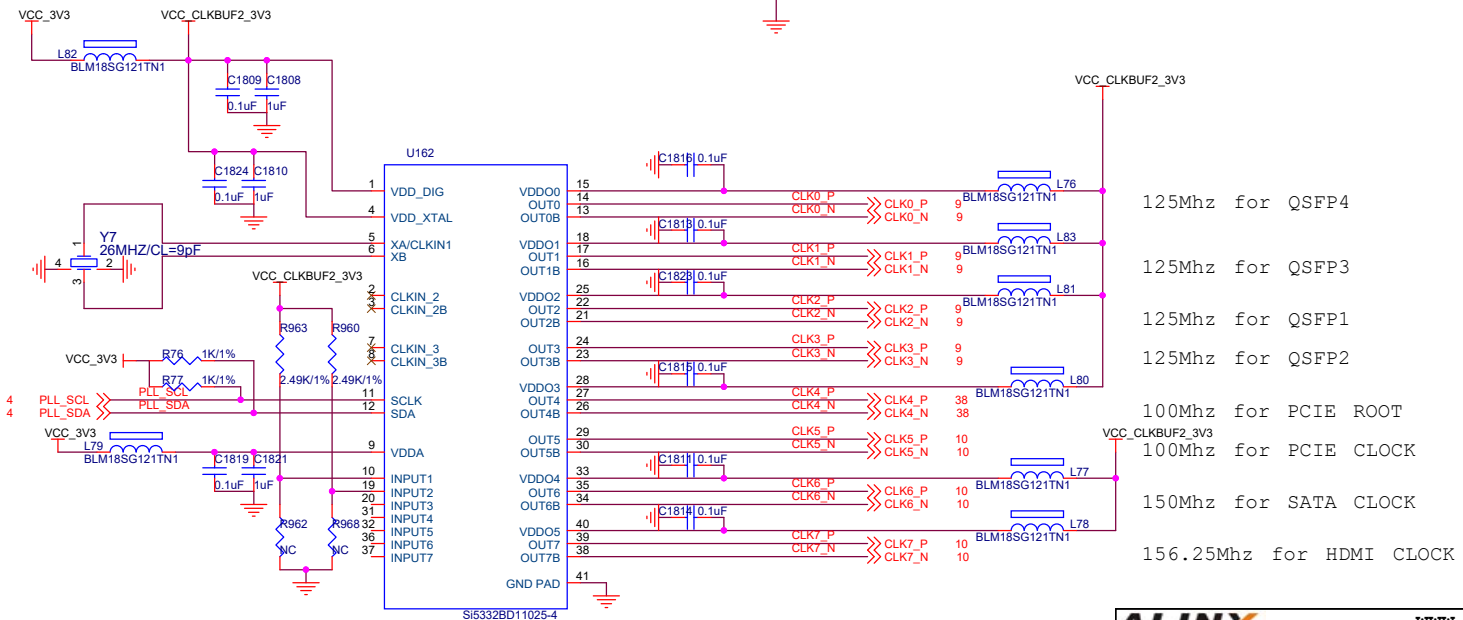
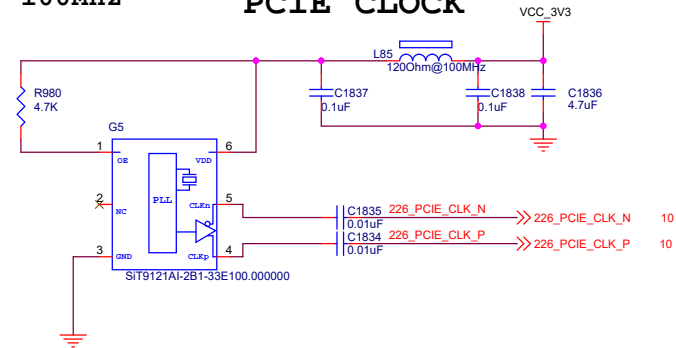
156.25MHz

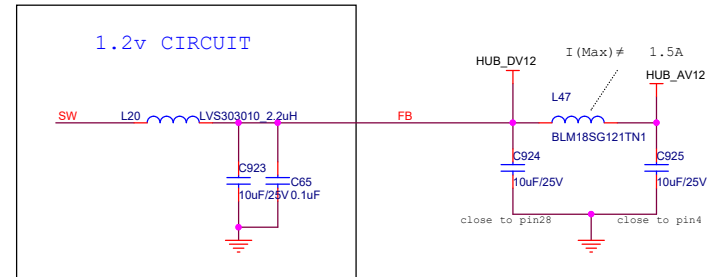
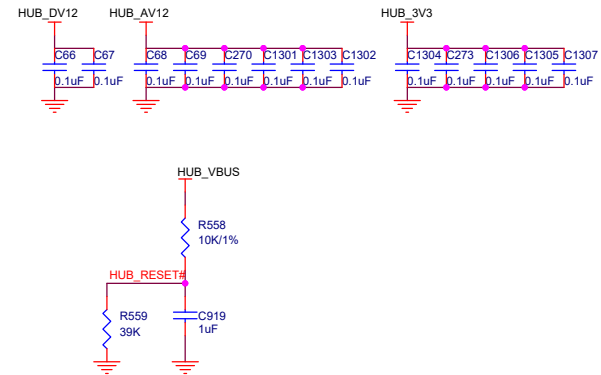
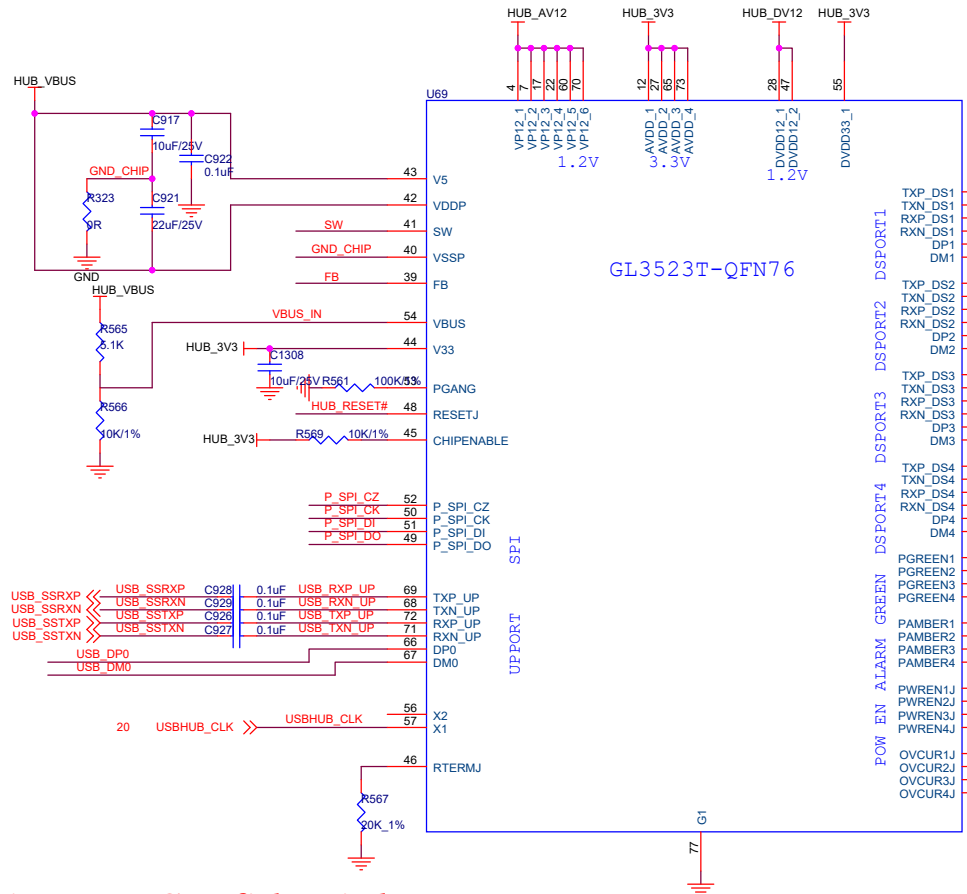
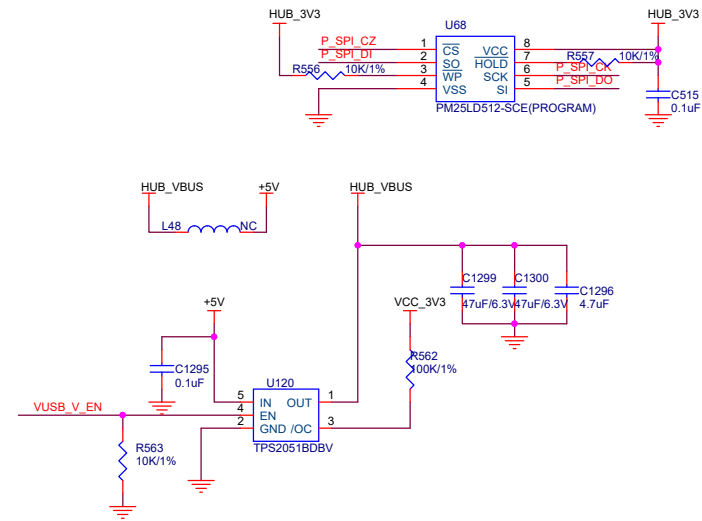
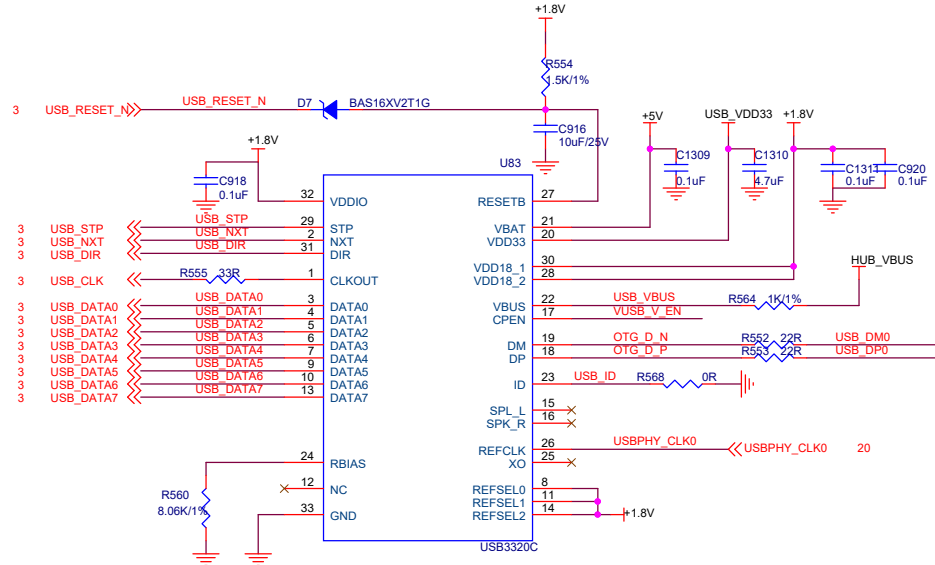
DRU CLOCK



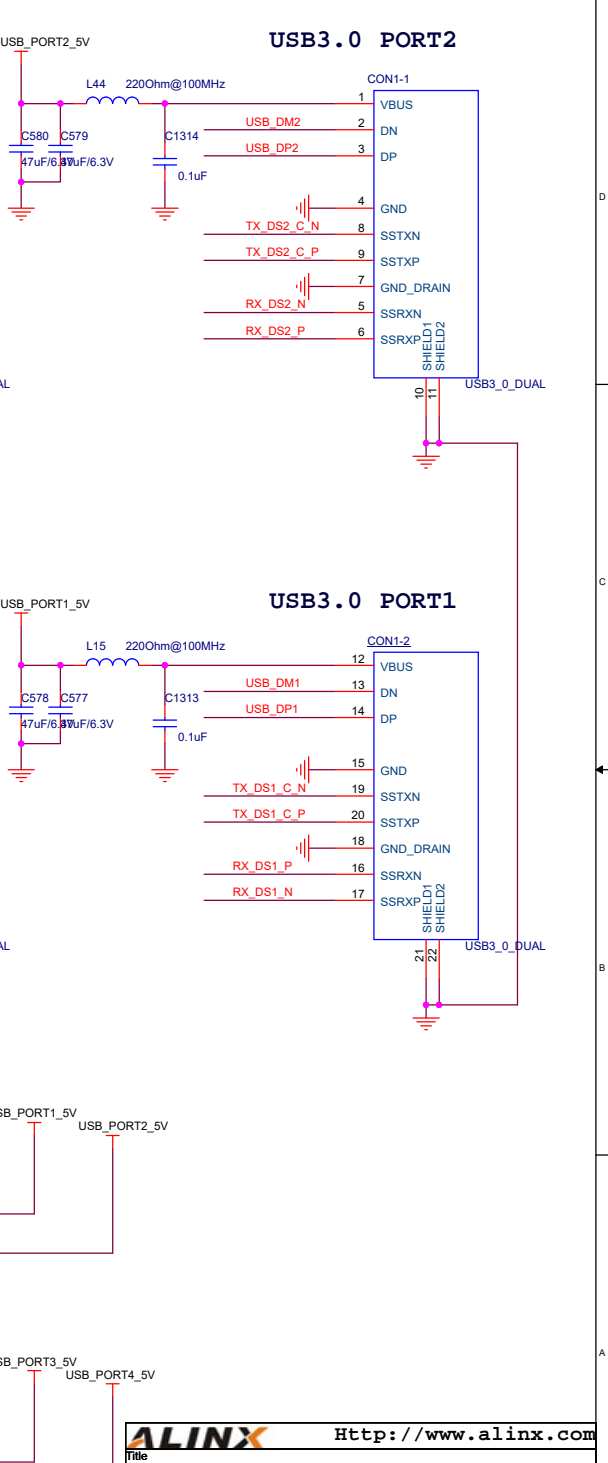
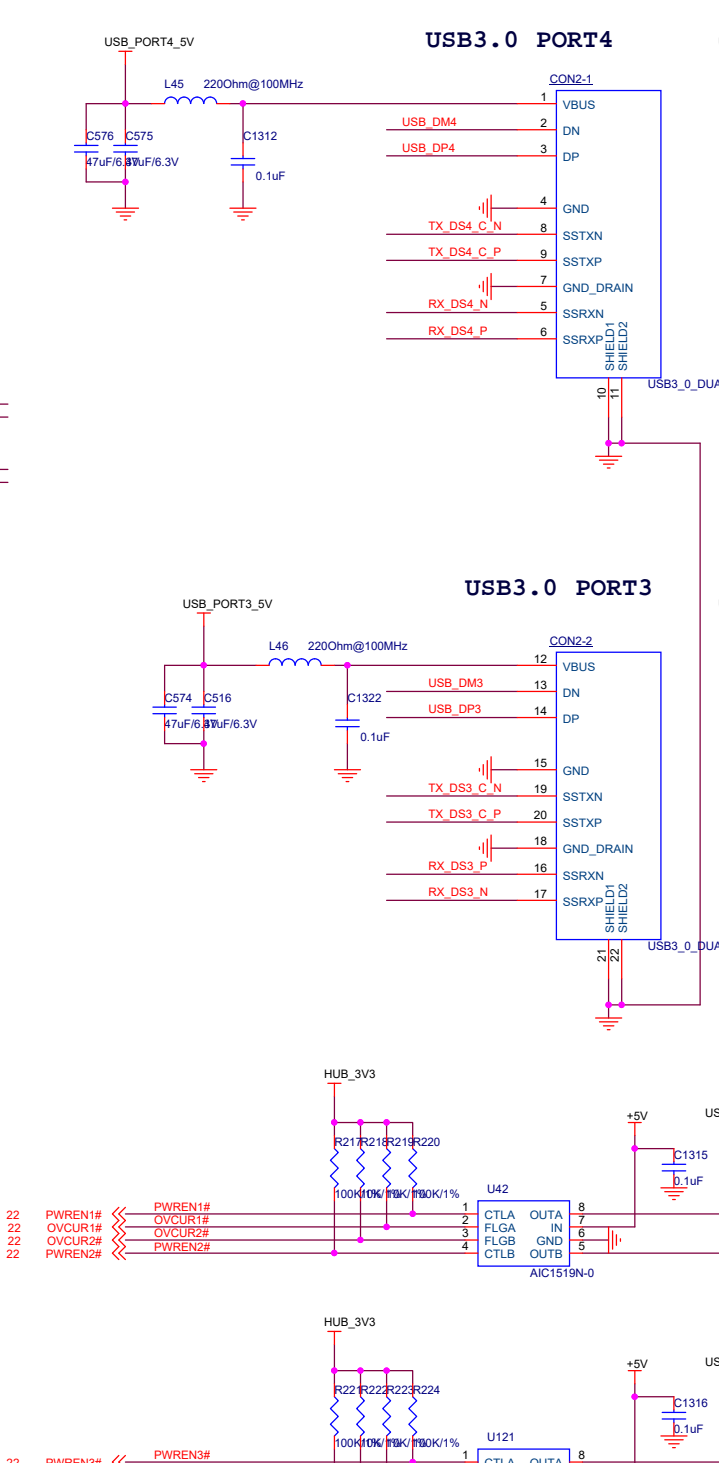
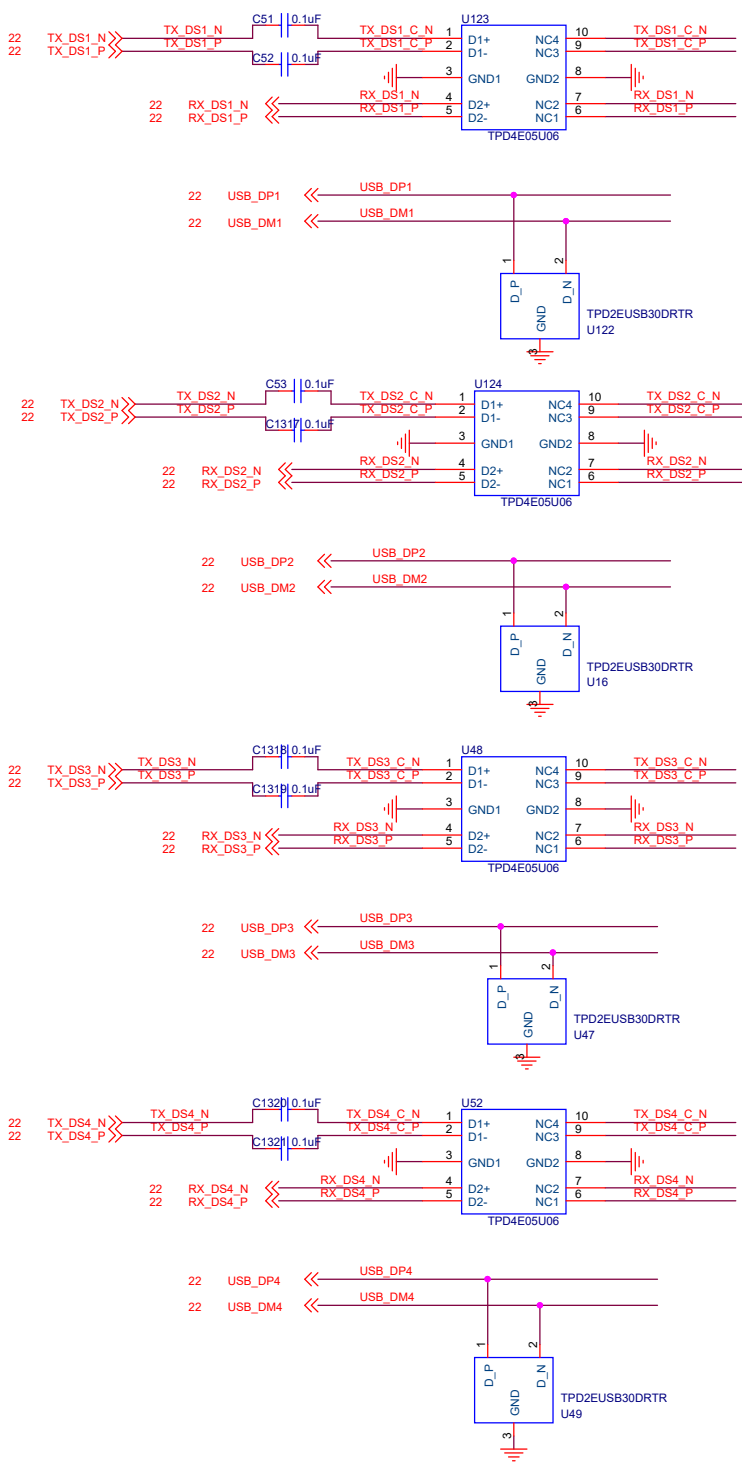
100MHz

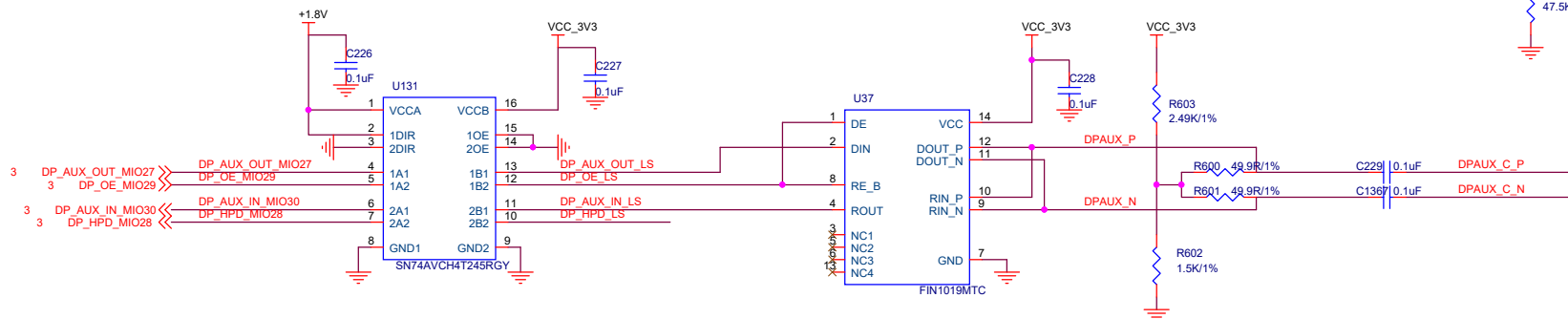
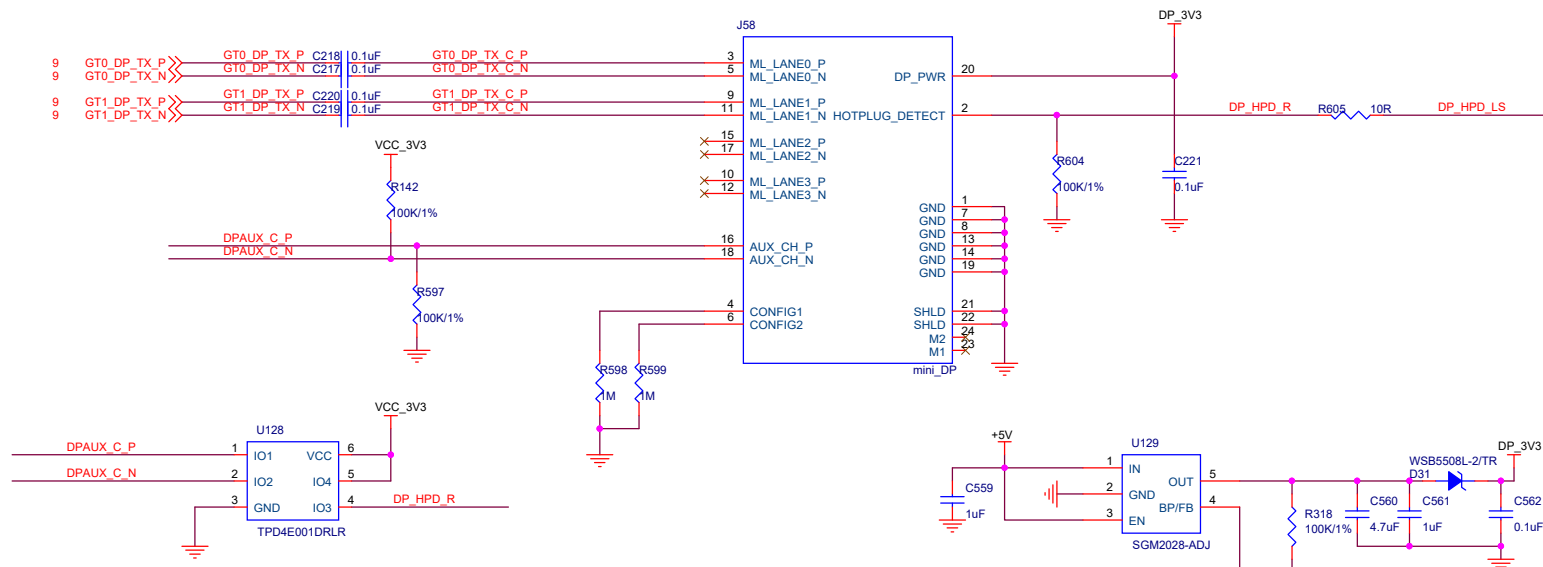
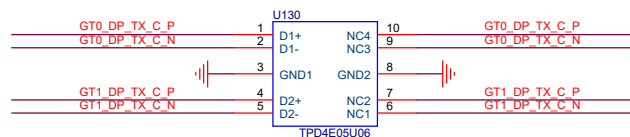
PCIE CLOCK

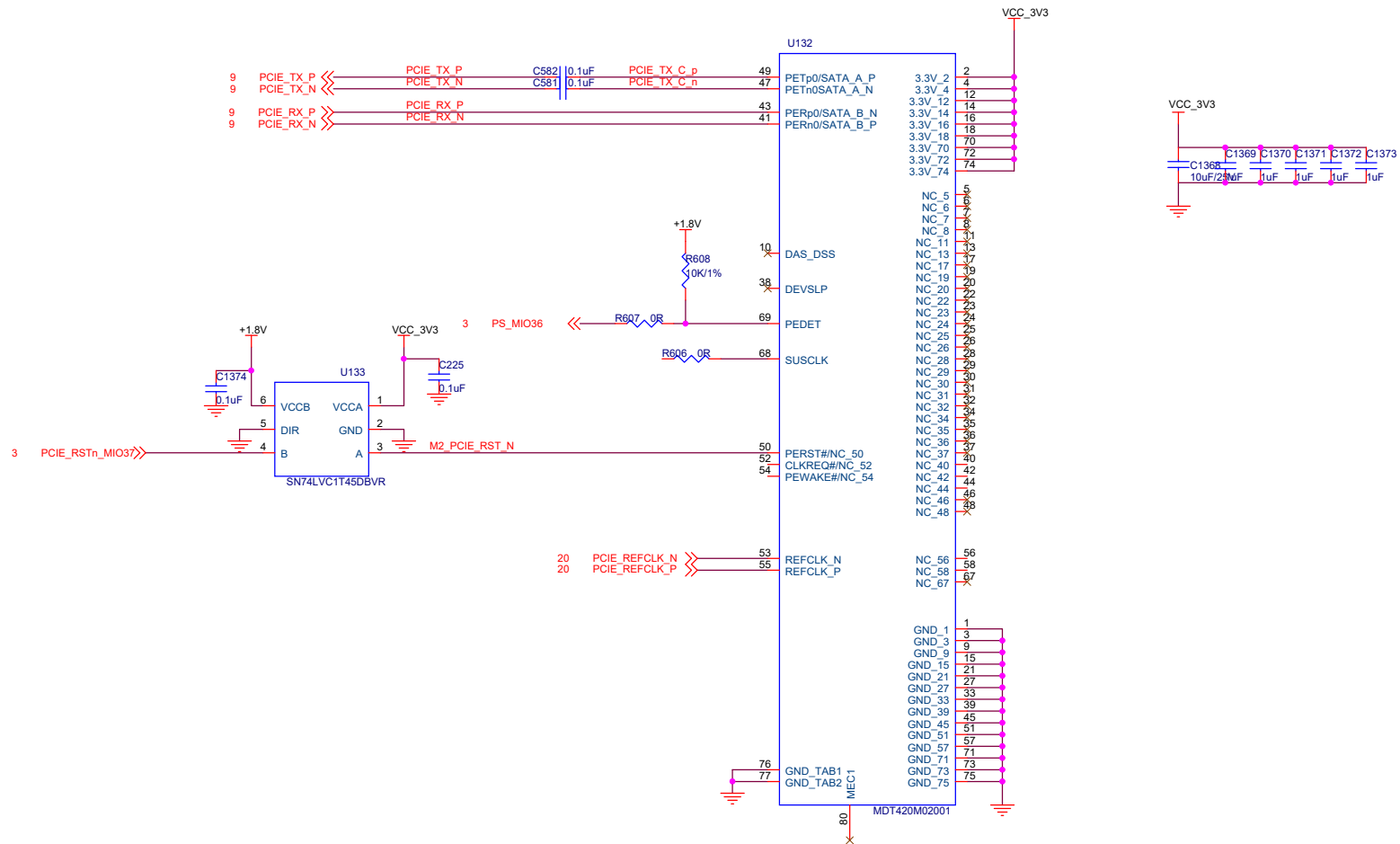




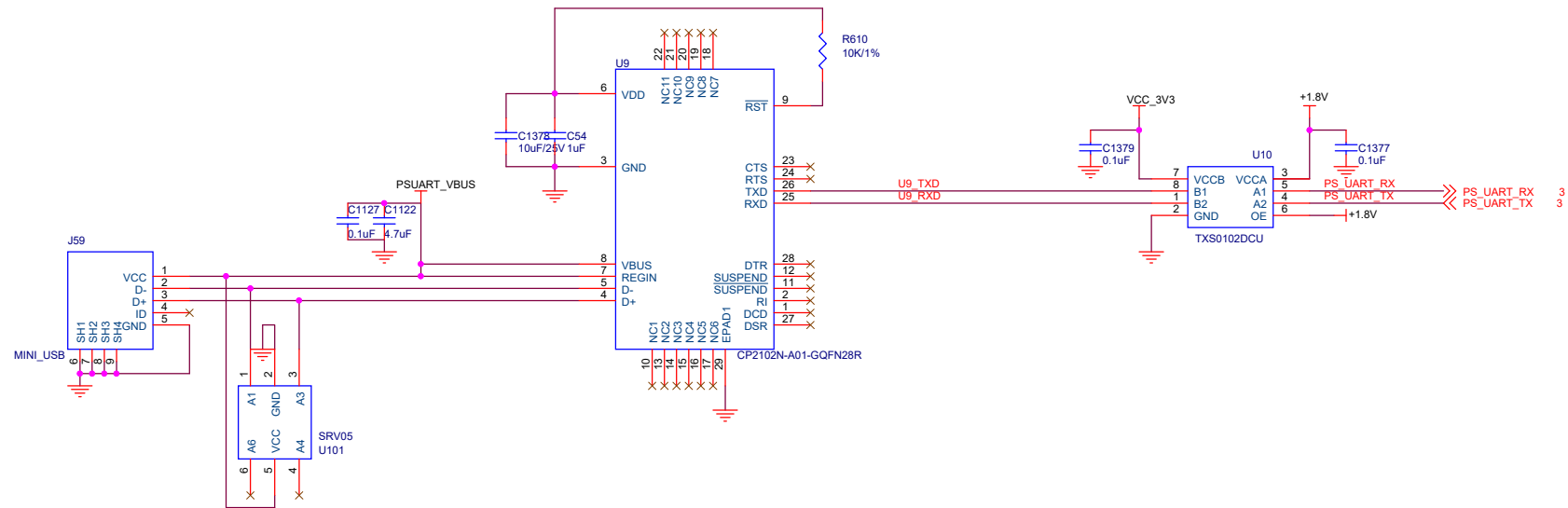
ALINX Confidential



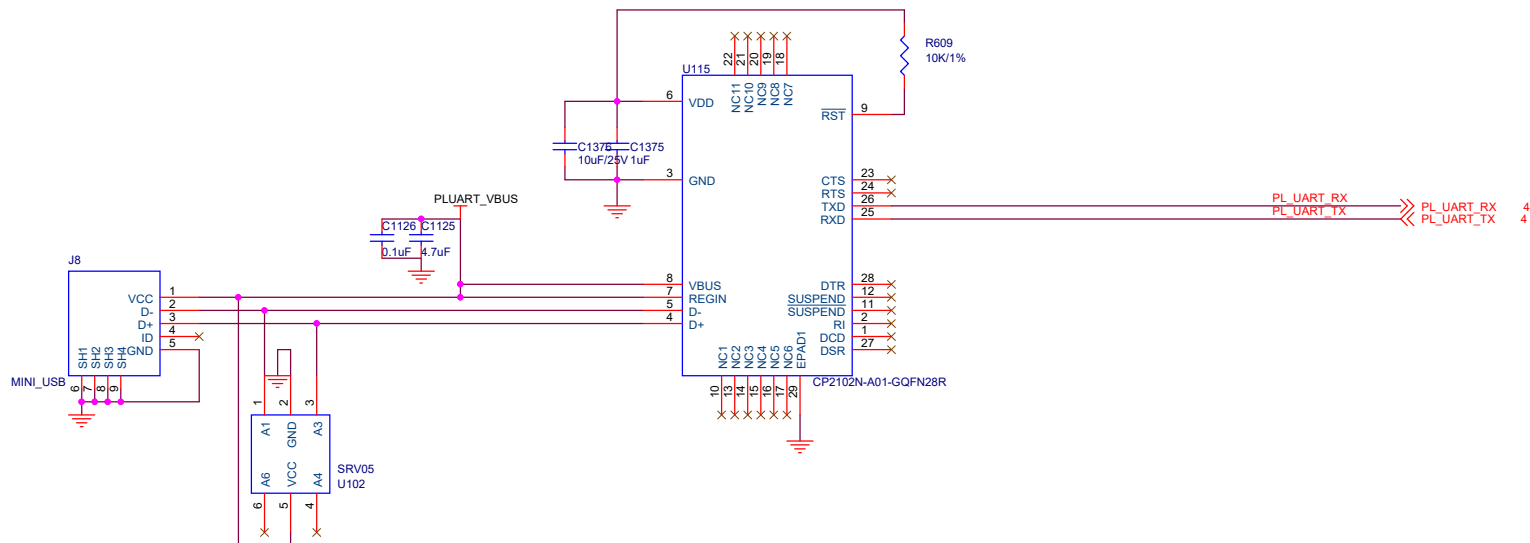


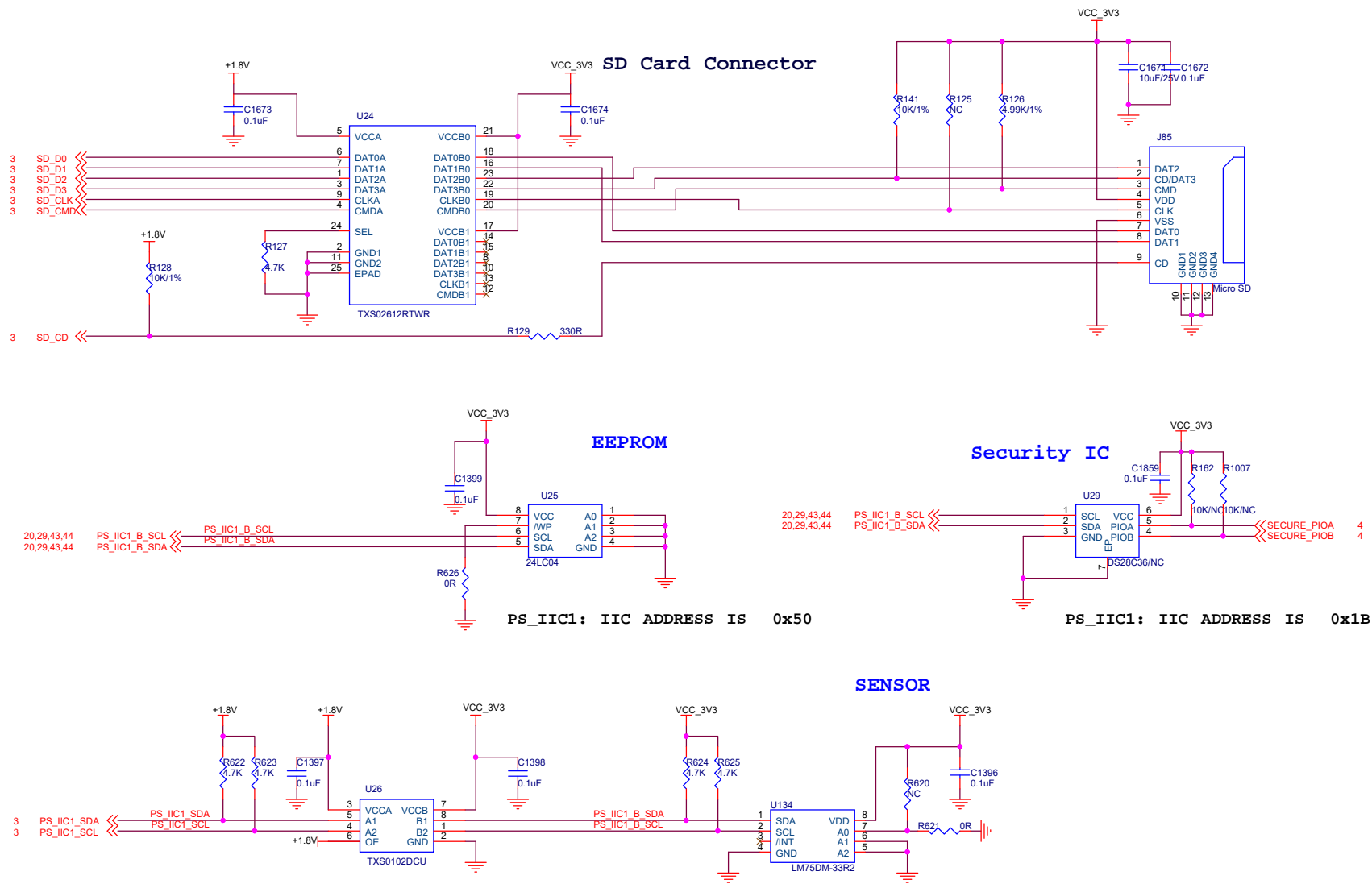


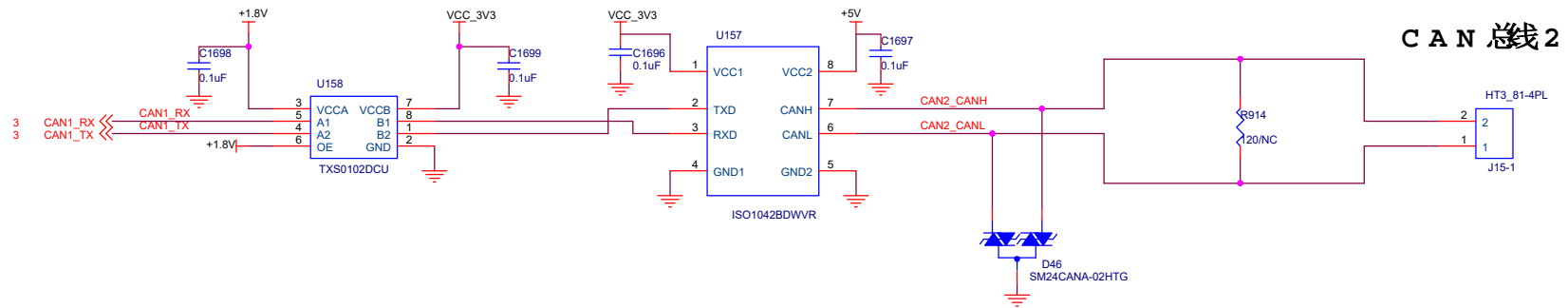
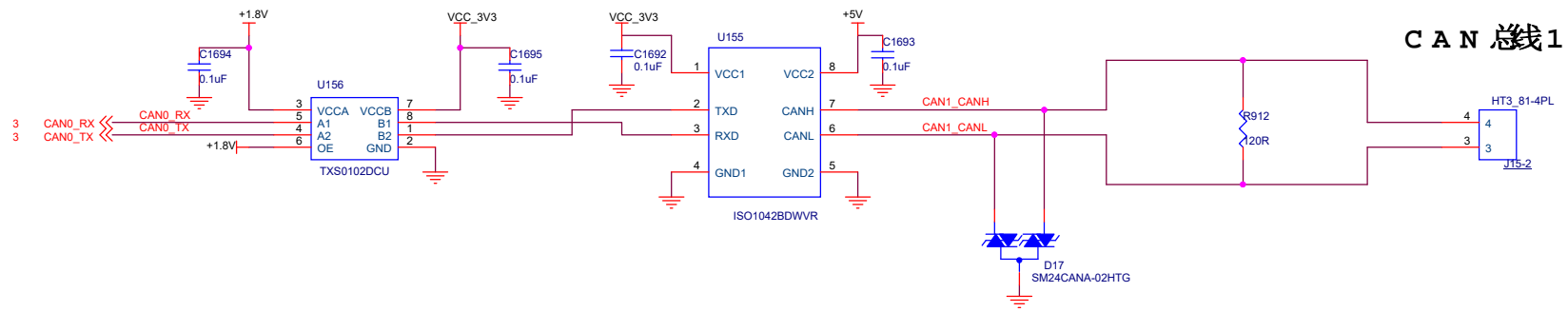
PS UART PORT

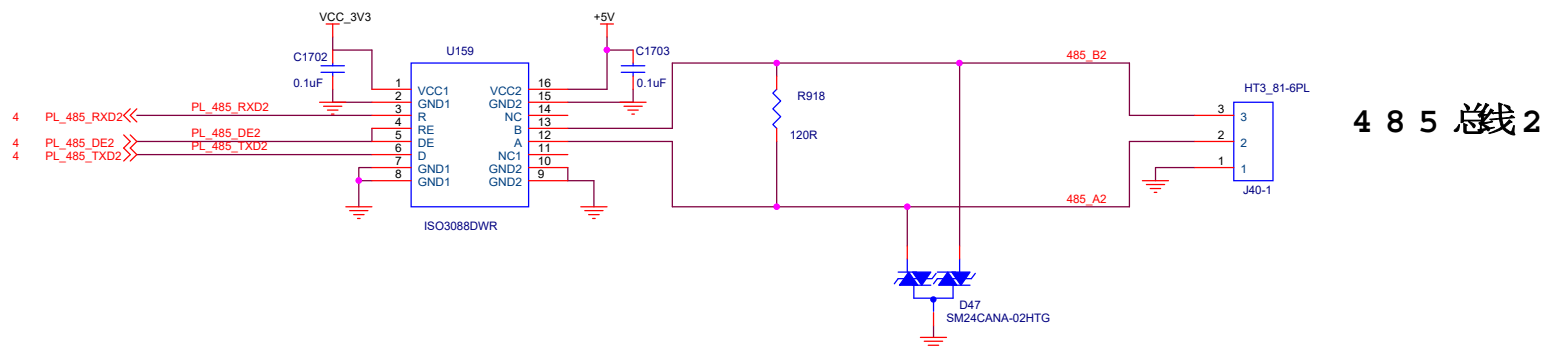
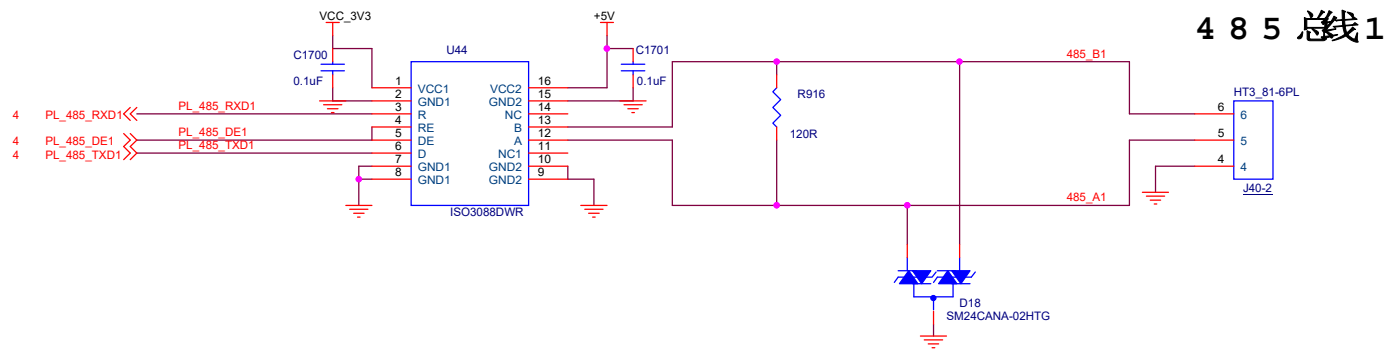


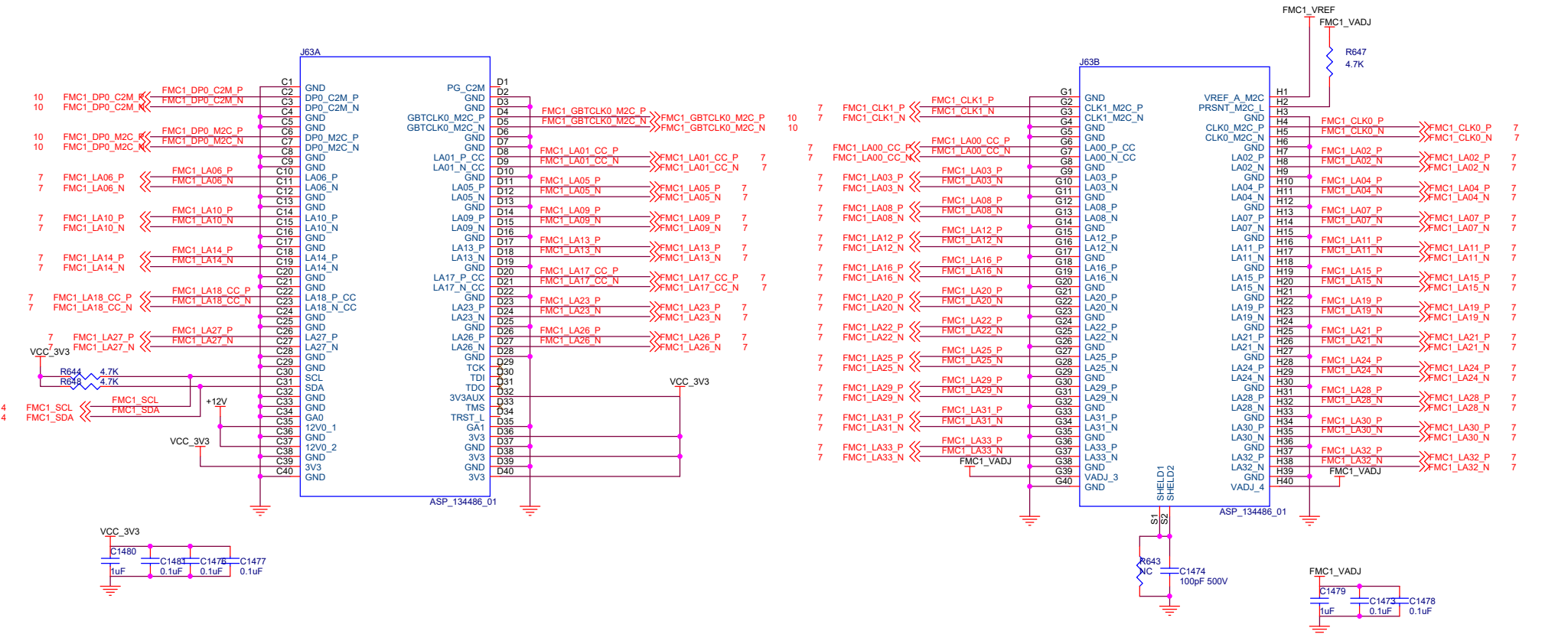
PL UART PORT

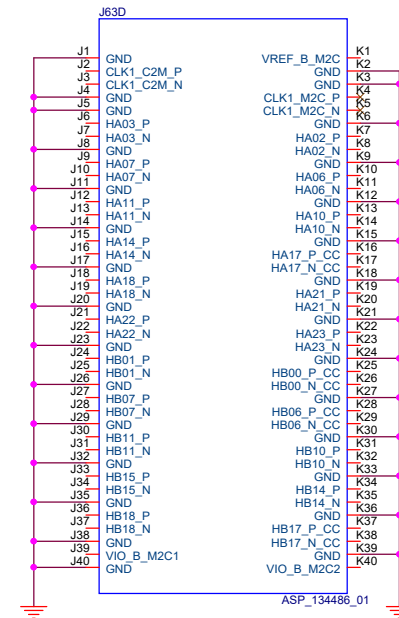
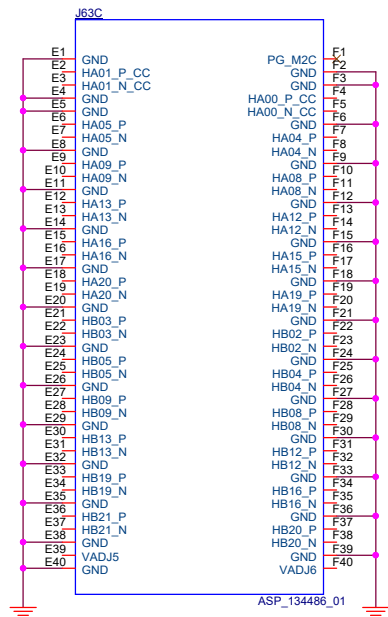


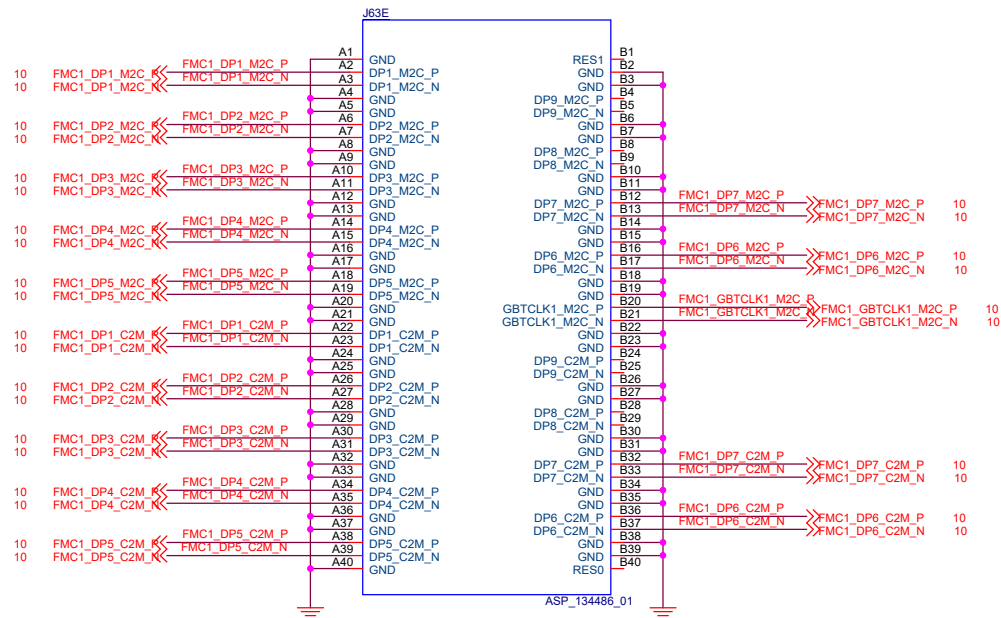


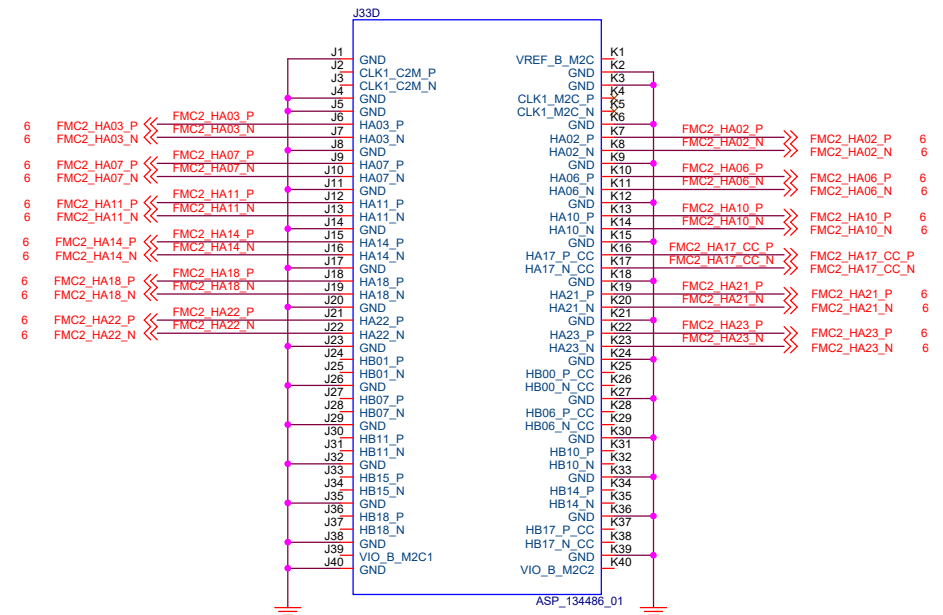


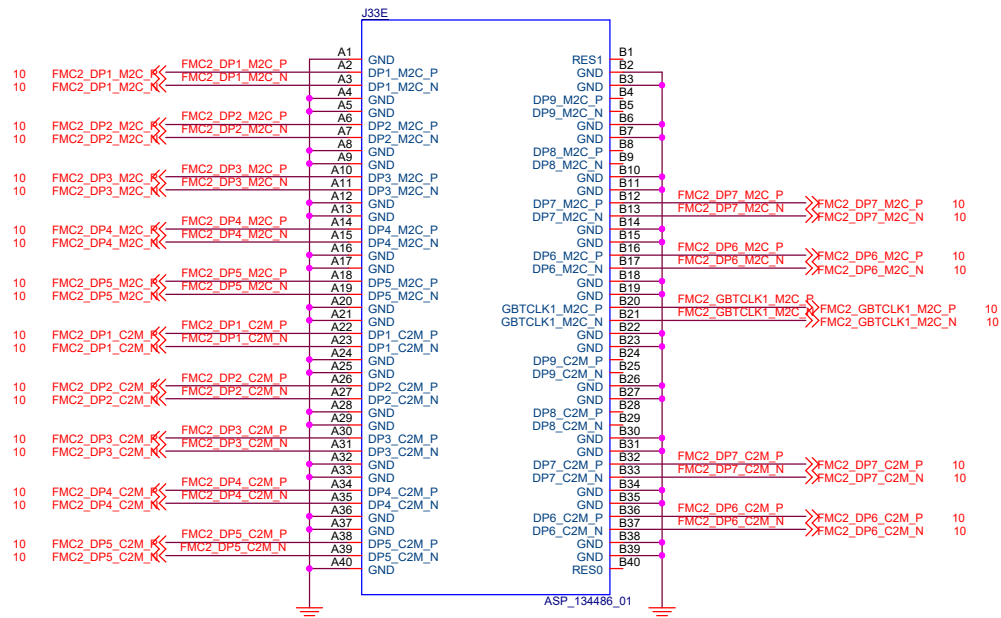




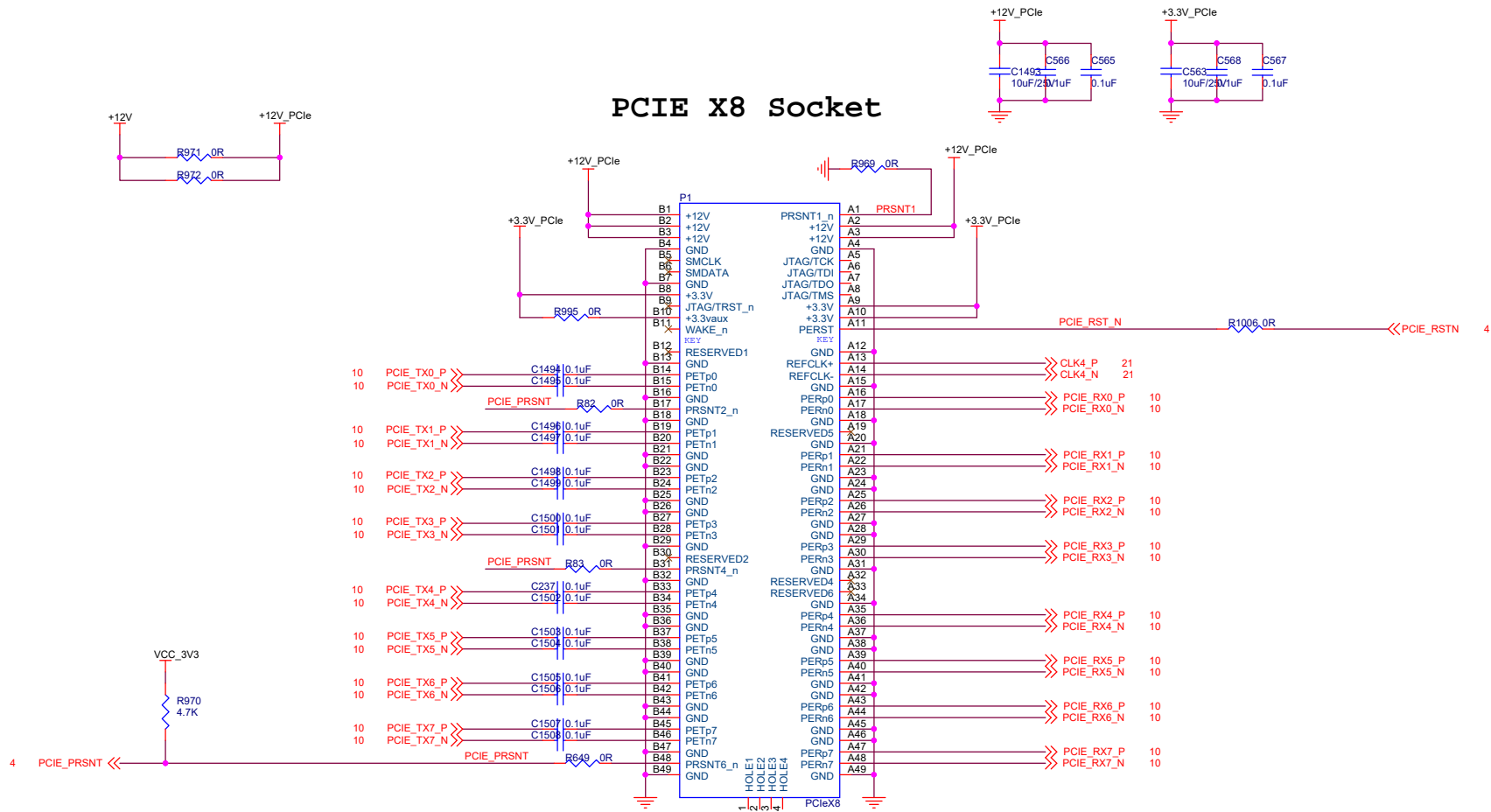




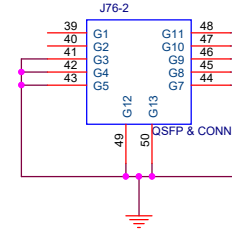
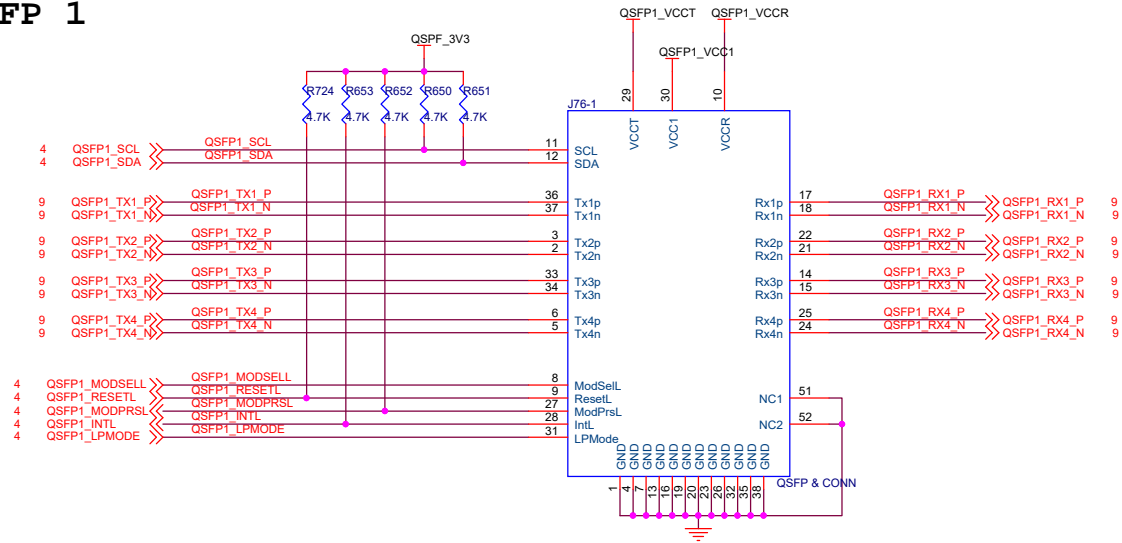




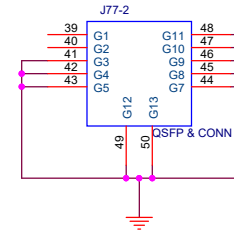
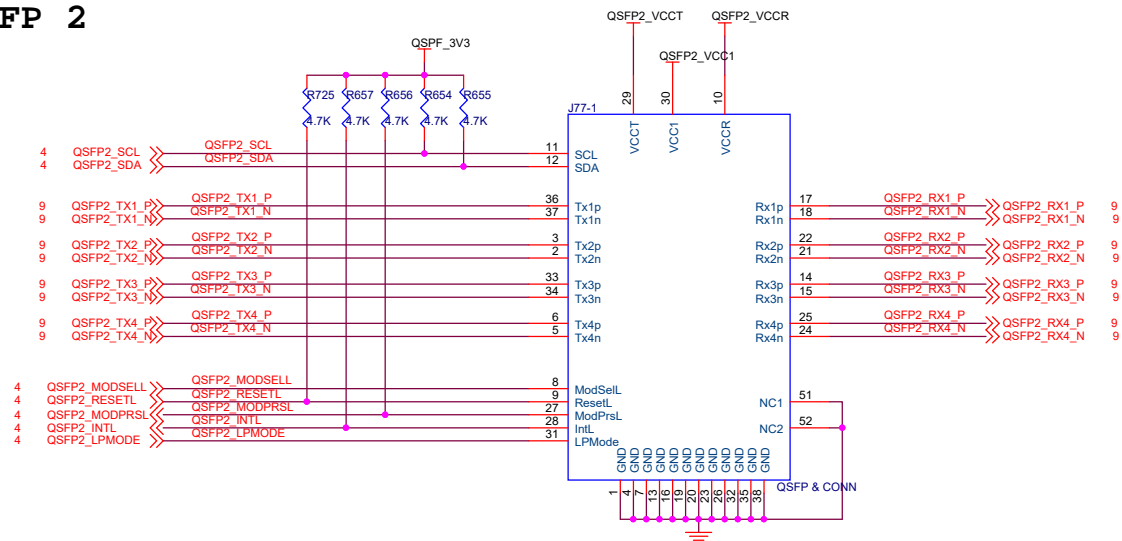
PCIE X8 Socket



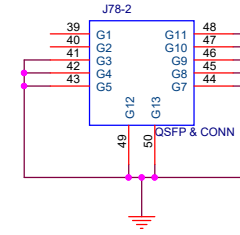
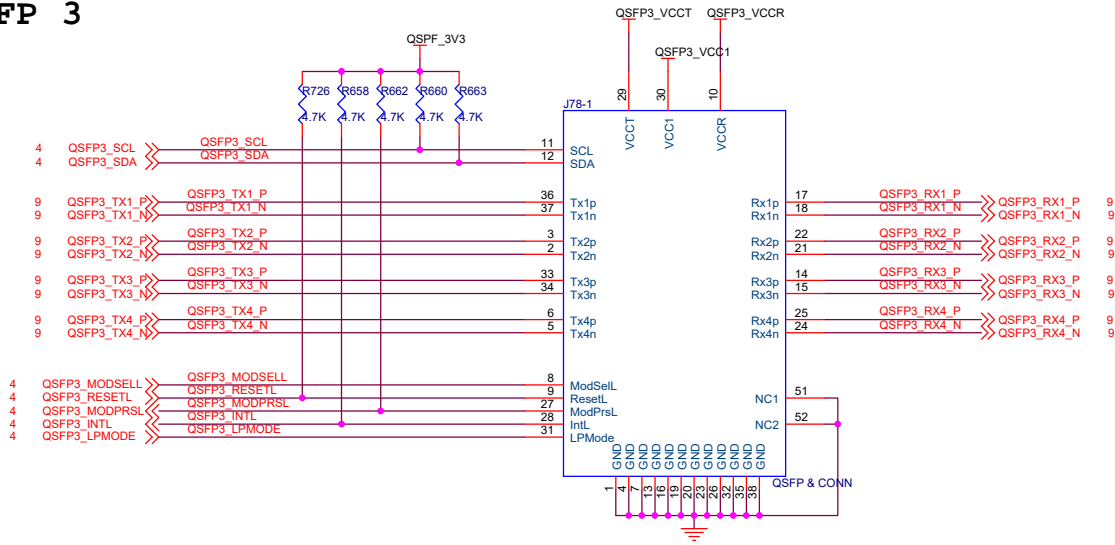
QSFP 1



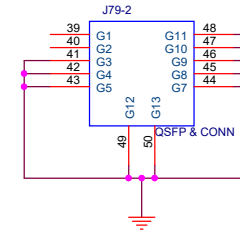
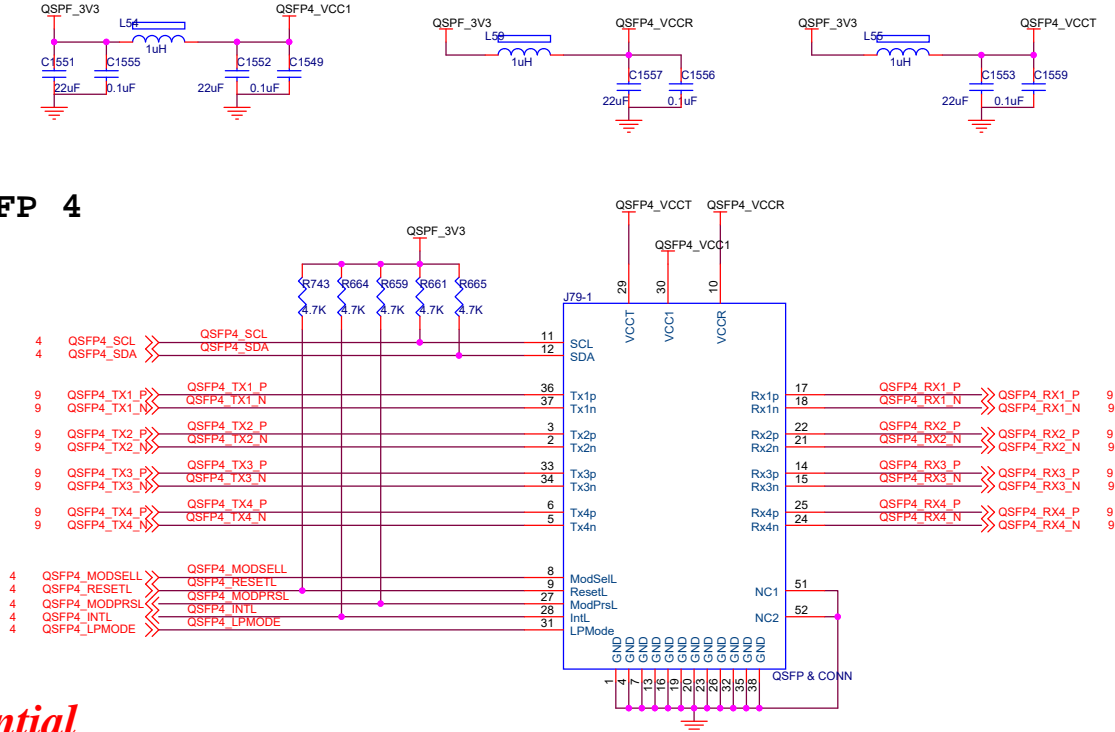
QSFP 2



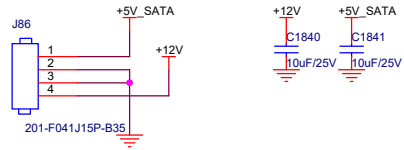
QSFP 3



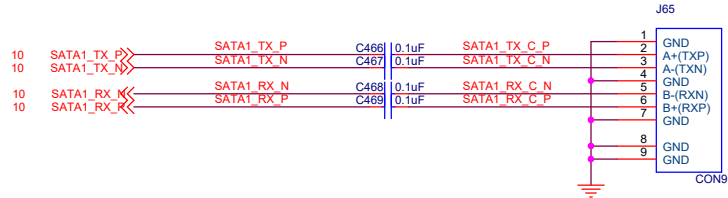
QSFP 4



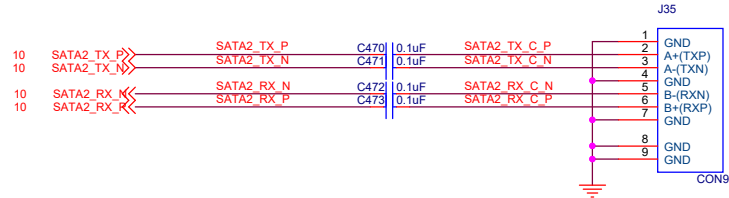
SATA POWER



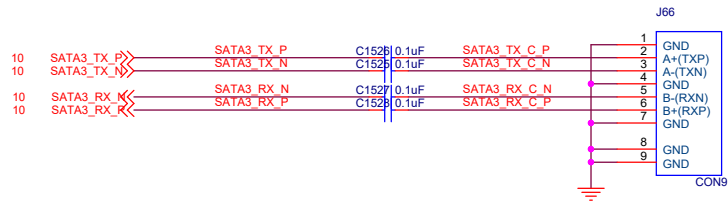
SATA1



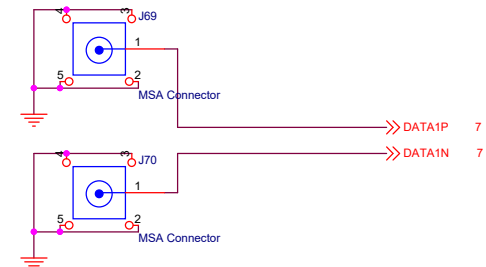
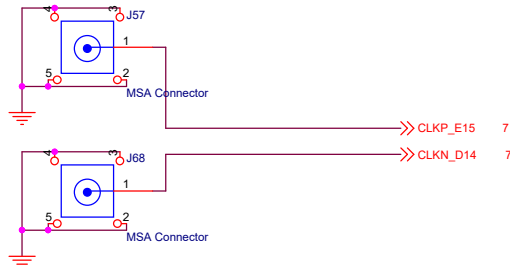
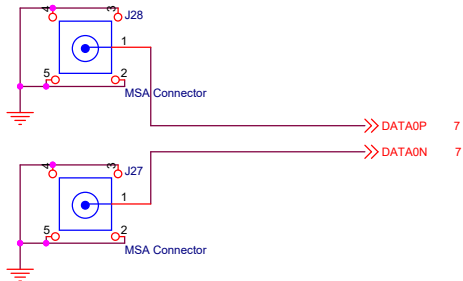
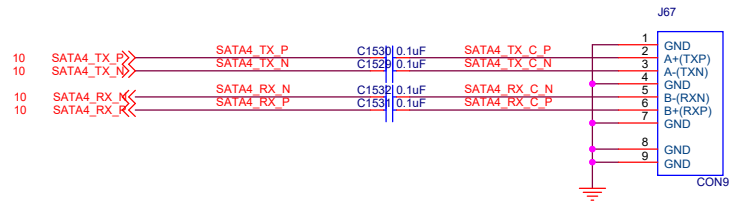
SATA2

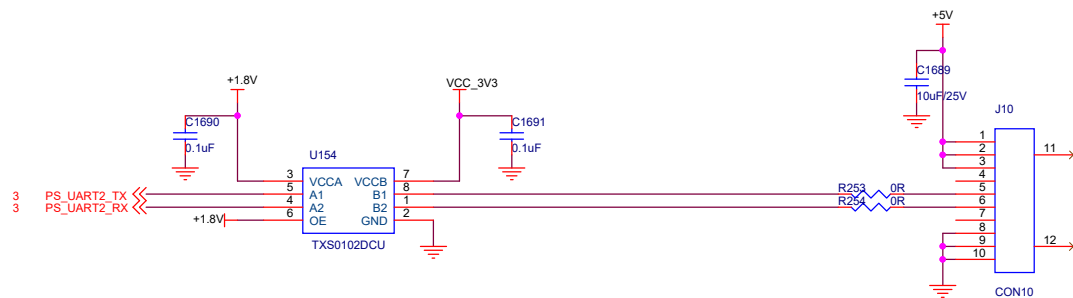


SATA3

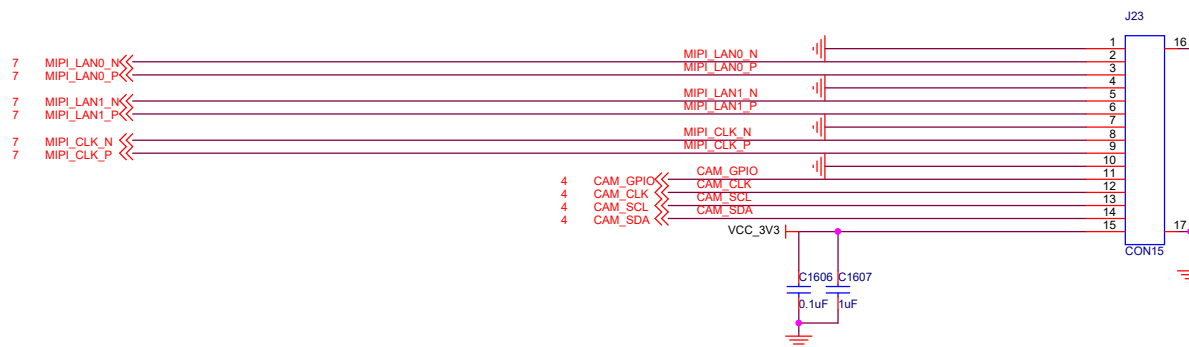
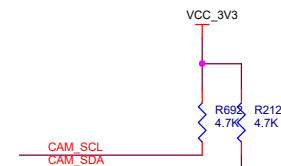


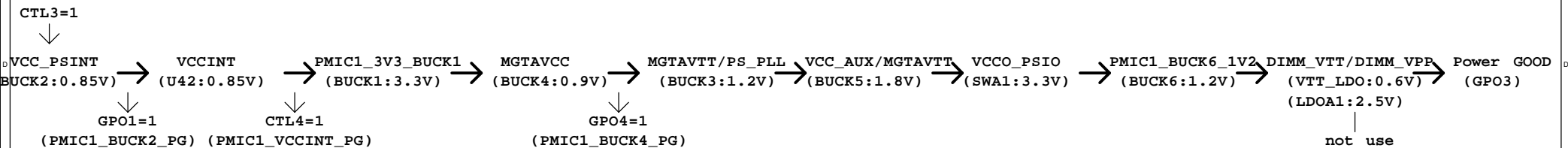
SATA4





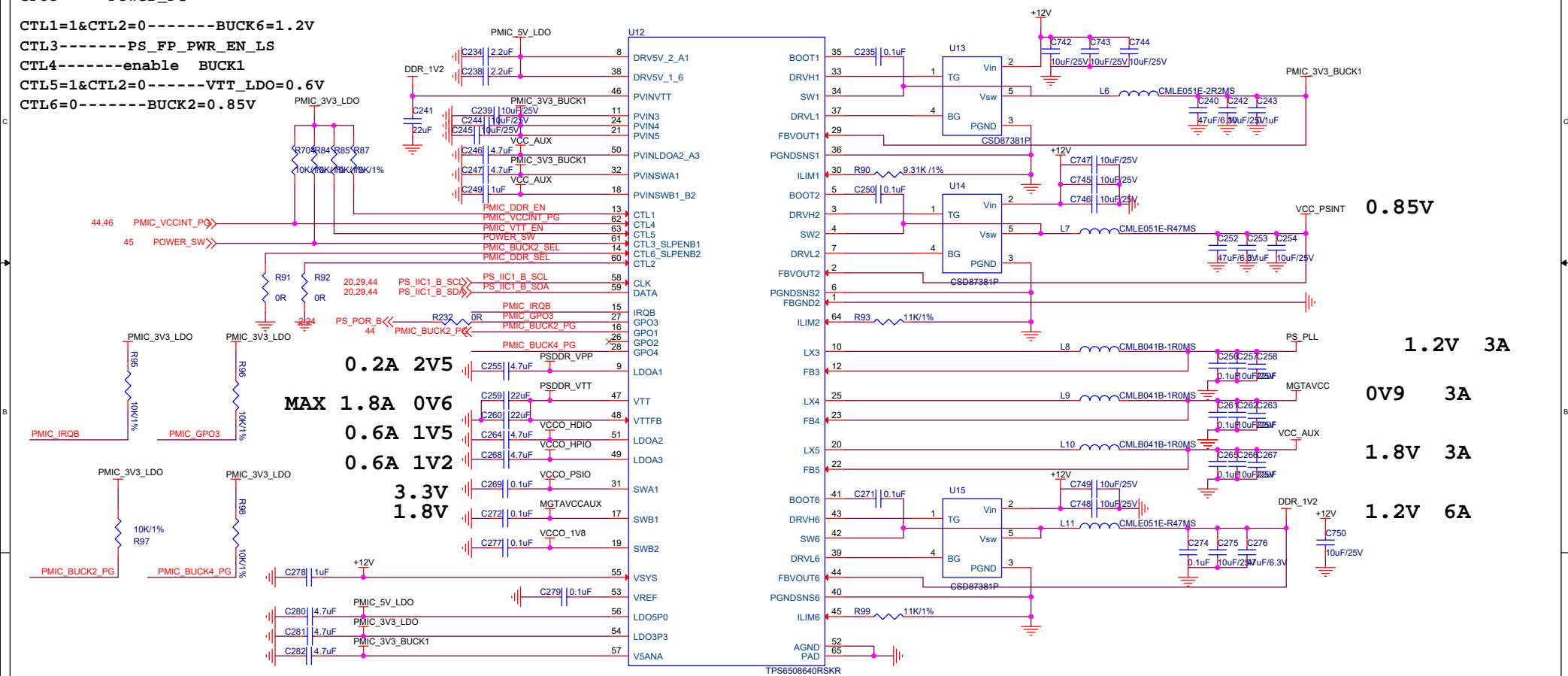
MIPI Interface



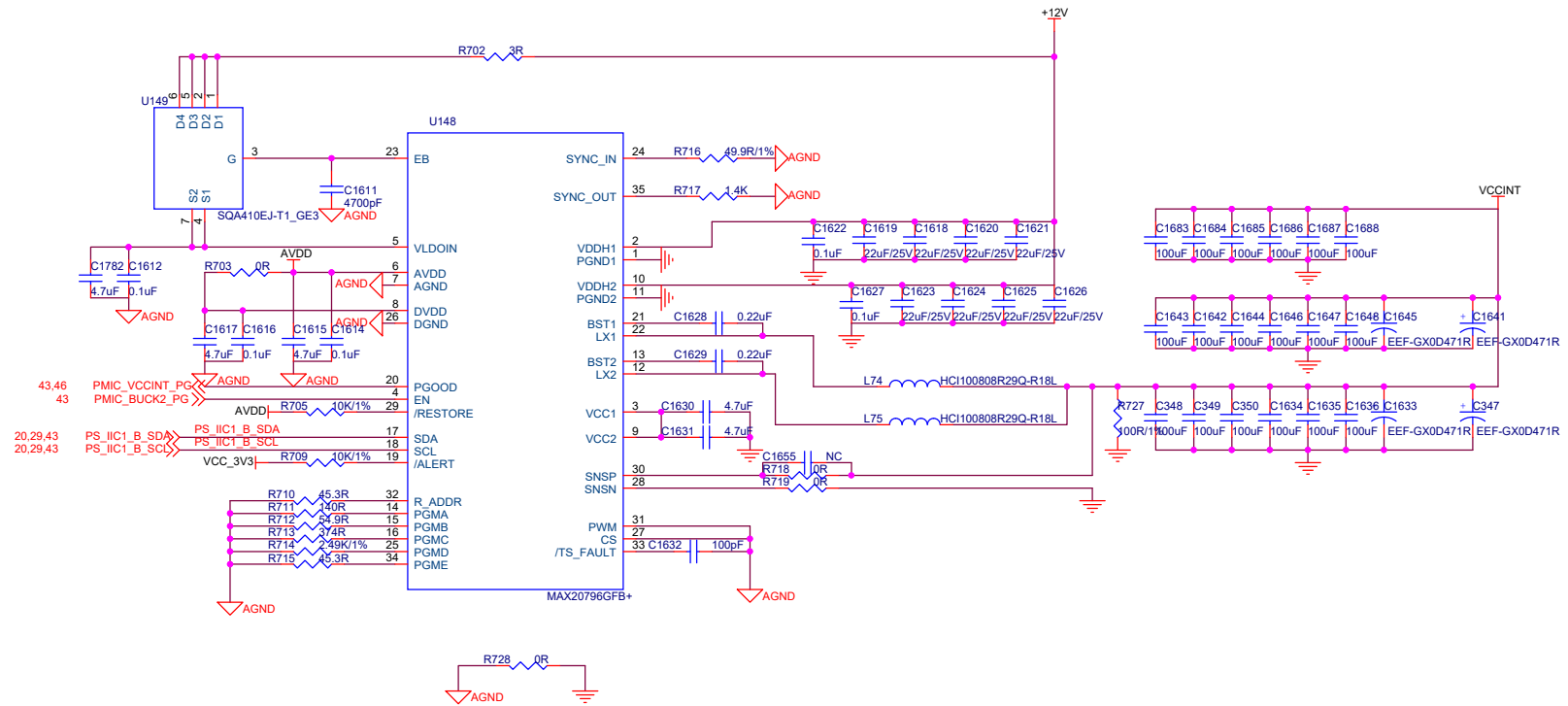


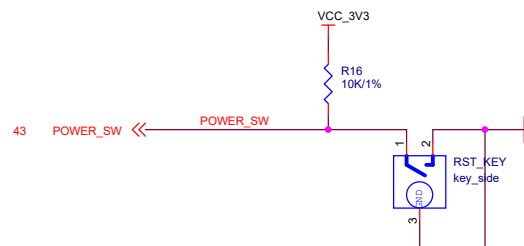
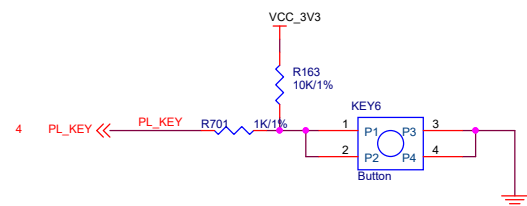
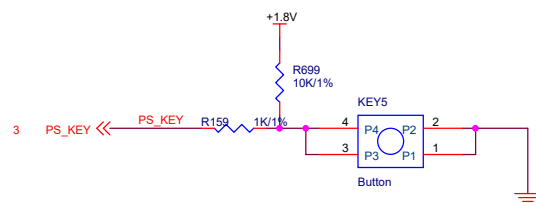
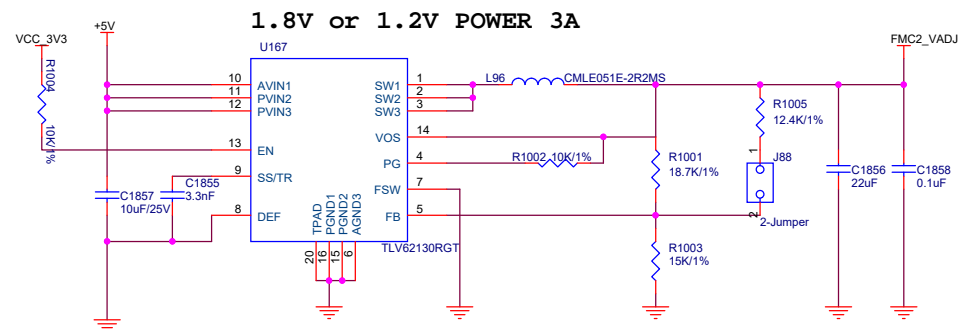
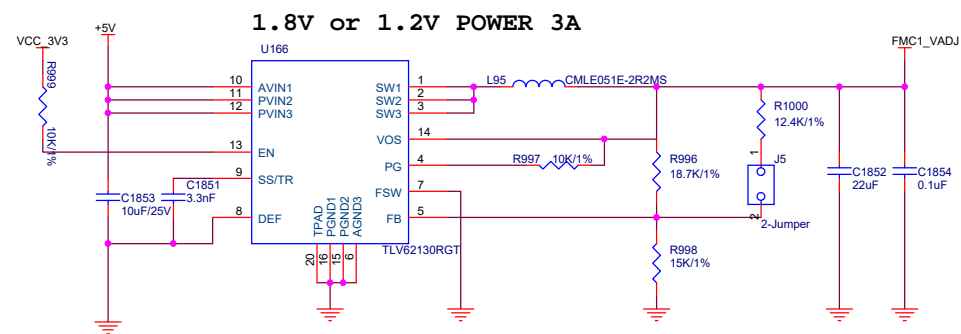
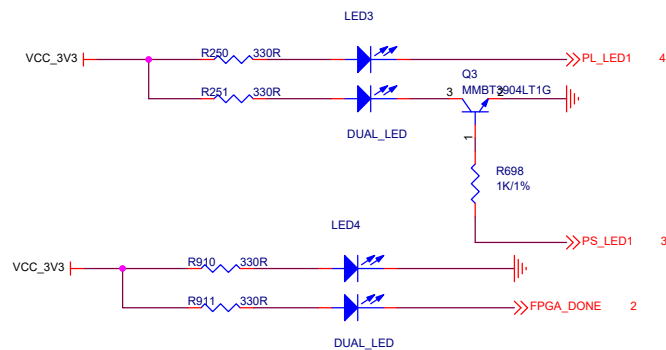
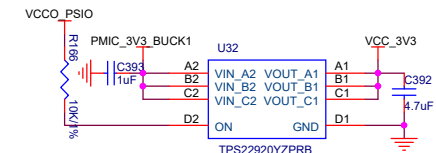
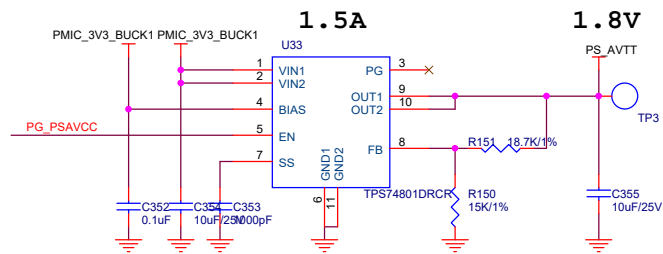
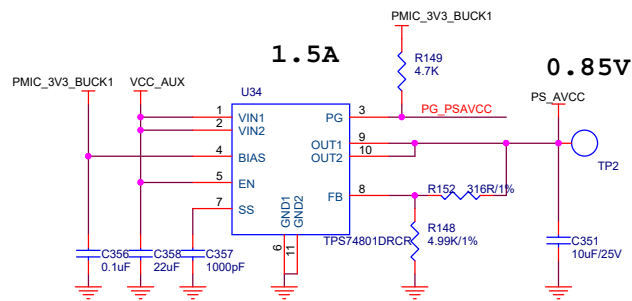
GPO1-----BUCK2_PG
GPO4-----BUCK4_PG
GPO3-----Power_PG

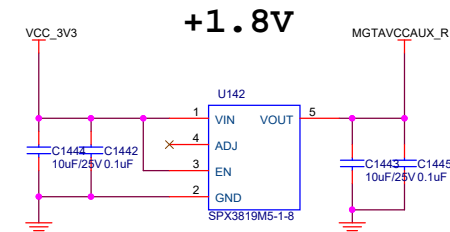
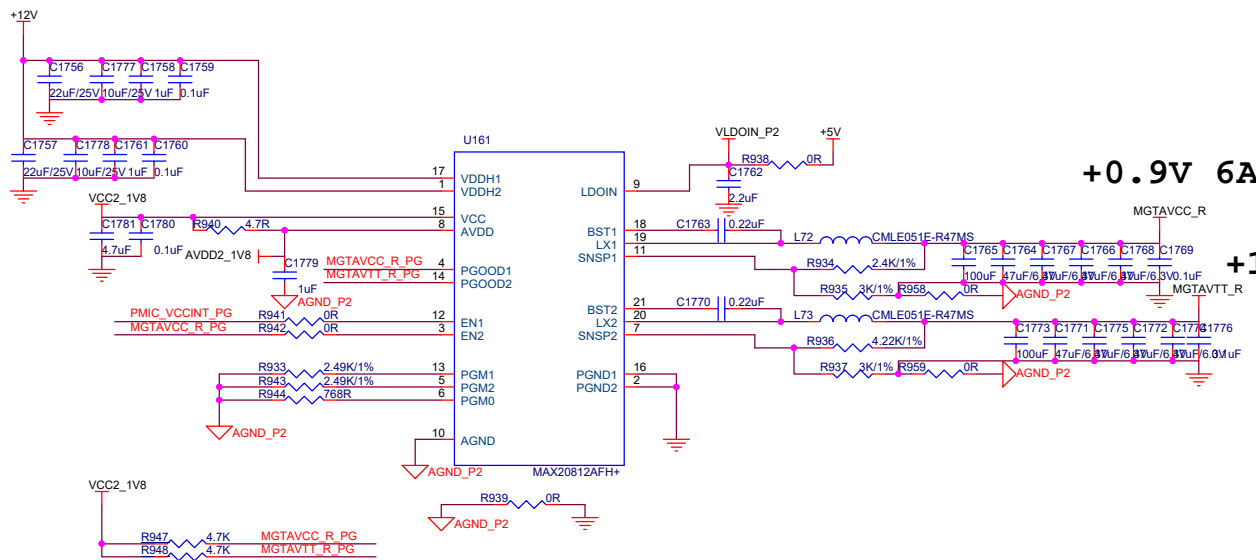
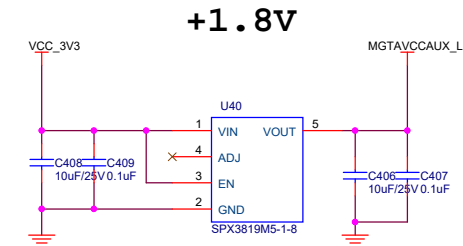
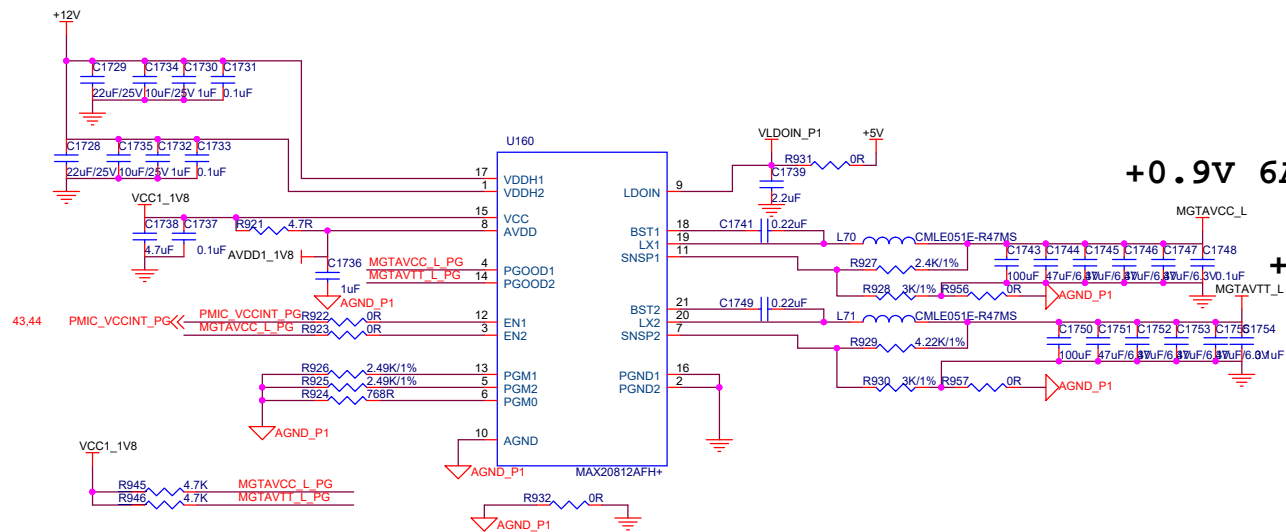
CTL1=1&CTL2=0-----BUCK6=1.2V
CTL3-----PS_FP_PWR_EN_LS
CTL4-----enable BUCK1
CTL5=1&CTL2=0-----VTT_LDO=0.6V
CTL6=0-----BUCK2=0.85V



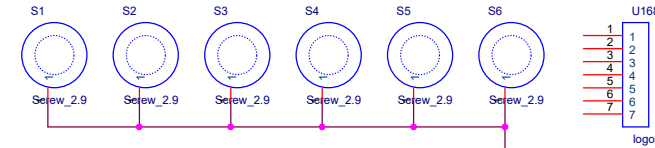
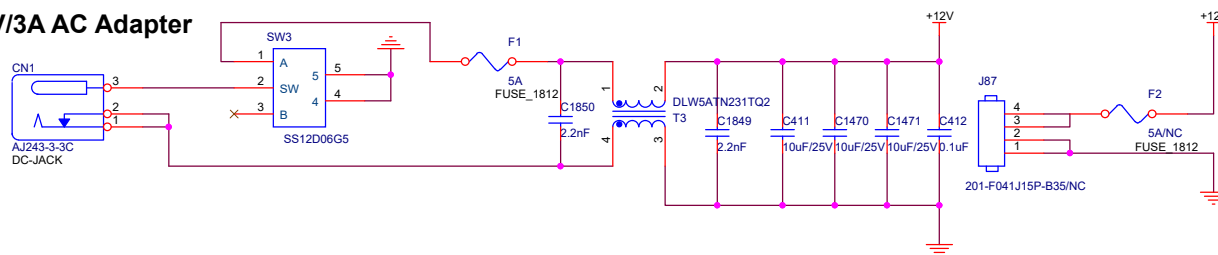
+0.85V 60A



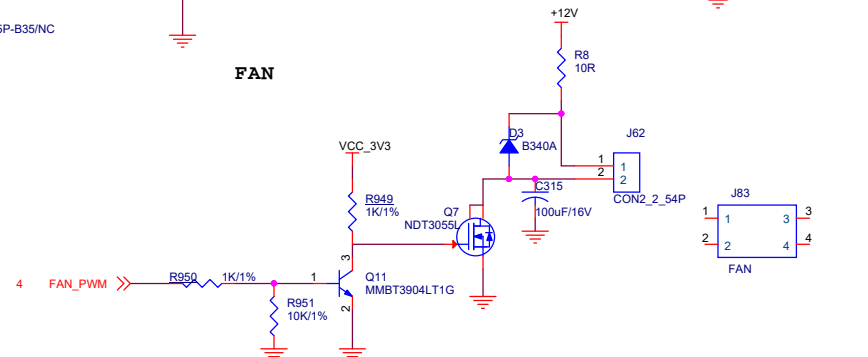
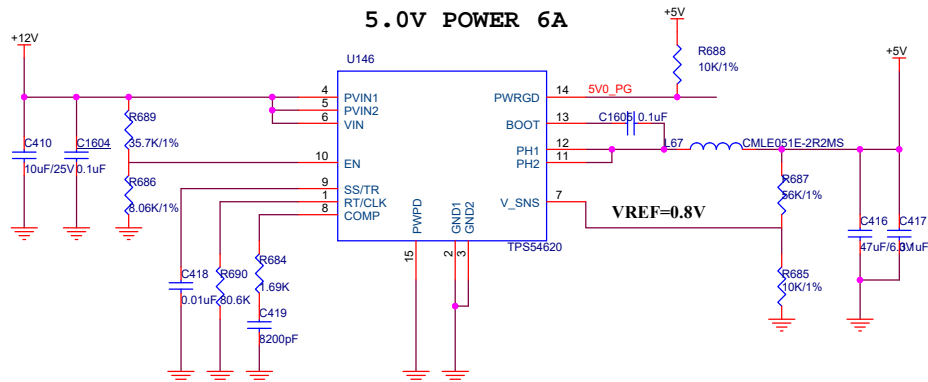




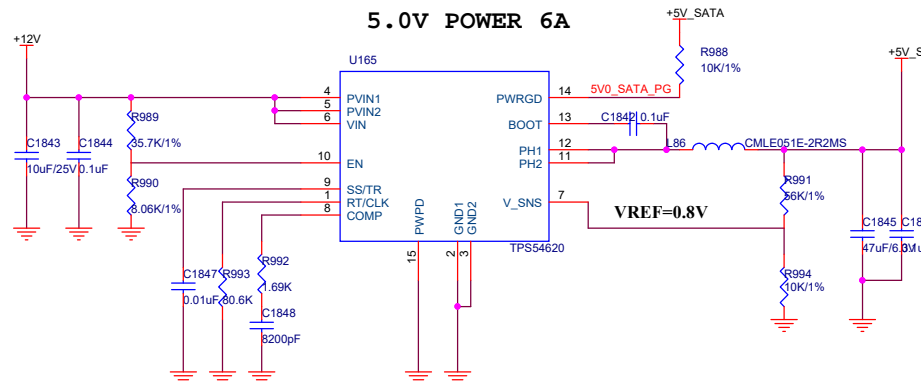
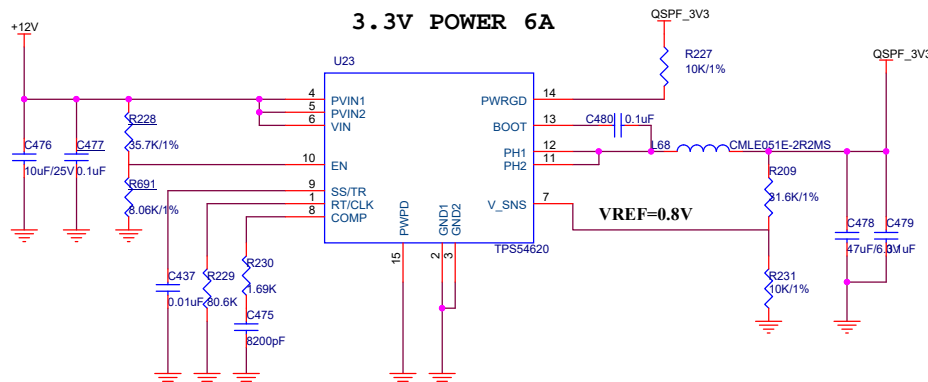
12V/3A AC Adapter



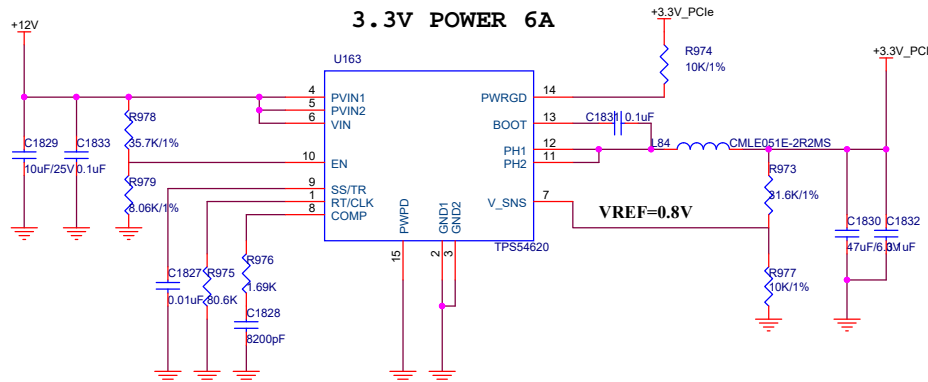
5.0V POWER 6A



3.3V POWER 6A



3.3V POWER 6A



1.8V POWER 3A

