

CN1

DF00_P	1	100	GND
DF01_P	2	99	GND
DF00_N	3	98	IOA_39
DF01_N	4	97	IOA_37
DF02_P	5	96	IOA_38
DF03_P	6	95	IOA_36
DF02_N	7	94	IOA_35
DF03_N	8	93	VCCIOA
GND	9	92	IOA_34
GND	10	91	VCCIOA
VCCDF	11	90	GND
DF04_P	12	89	GND
VCCDF	13	88	IOA_33
DF04_N	14	87	IOA_31
DF05_P	15	86	IOA_32
DF06_P	16	85	IOA_30
DF05_N	17	84	
DF06_N	18	83	
GND	19	82	
GND	20	81	
	21	80	GND
	22	79	GND
	23	78	IOA_29
	24	77	IOA_27
DF07_P	25	76	IOA_28
DF08_P	26	75	IOA_26
DF07_N	27	74	IOA_25
DF08_N	28	73	IOA_23
GND	29	72	IOA_24
GND	30	71	IOA_22
DF09_P	31	70	GND
DF10_P	32	69	GND
DF09_N	33	68	IOA_21
DF10_N	34	67	IOA_19
IOA_00	35	66	IOA_20
DF11_P	36	65	IOA_18
IOA_01	37	64	
DF11_N	38	63	
GND	39	62	
GND	40	61	
IOA_02	41	60	GND
IOA_04	42	59	GND
IOA_03	43	58	IOA_17
IOA_05	44	57	IOA_15
IOA_06	45	56	IOA_16
IOA_08	46	55	IOA_14
IOA_07	47	54	IOA_13
IOA_09	48	53	IOA_11
GND	49	52	IOA_12
GND	50	51	IOA_10

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CN2

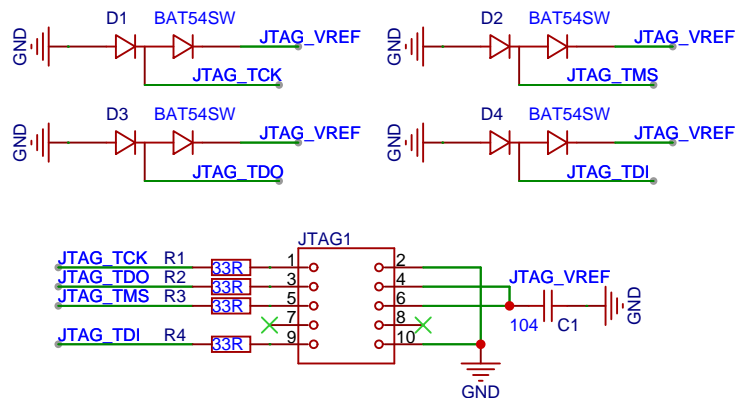
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MGT_CLK_P	2	99	GND
	3	98	IOB_25
	4	97	IOB_23
GND	5	96	IOB_24
GND	6	95	IOB_22
MGT_TX0_N	7	94	IOB_21
MGT_RX0_N	8	93	
MGT_TX0_P	9	92	IOB_20
MGT_RX0_P	10	91	
GND	11	90	GND
GND	12	89	GND
MGT_TX1_N	13	88	IOB_19
MGT_RX1_N	14	87	IOB_17
MGT_TX1_P	15	86	IOB_18
MGT_RX1_P	16	85	IOB_16
GND	17	84	
GND	18	83	
MGT_TX2_N	19	82	
MGT_RX2_N	20	81	
MGT_TX2_P	21	80	GND
MGT_RX2_P	22	79	GND
GND	23	78	IOB_15
GND	24	77	IOB_13
MGT_TX3_N	25	76	IOB_14
MGT_RX3_N	26	75	IOB_12
MGT_TX3_P	27	74	IOB_11
MGT_RX3_P	28	73	IOB_09
GND	29	72	IOB_10
GND	30	71	IOB_08
DF12_P	31	70	GND
DF13_P	32	69	GND
DF12_N	33	68	IOB_07
DF13_N	34	67	IOB_05
DF14_P	35	66	IOB_06
DF15_P	36	65	IOB_04
DF14_N	37	64	
DF15_N	38	63	
GND	39	62	
GND	40	61	
	41	60	GND
	42	59	GND
	43	58	DF19_N
	44	57	IOB_03
DF16_P	45	56	DF19_P
DF17_P	46	55	IOB_02
DF16_N	47	54	DF18_N
DF17_N	48	53	IOB_01
GND	49	52	DF18_P
GND	50	51	IOB_00


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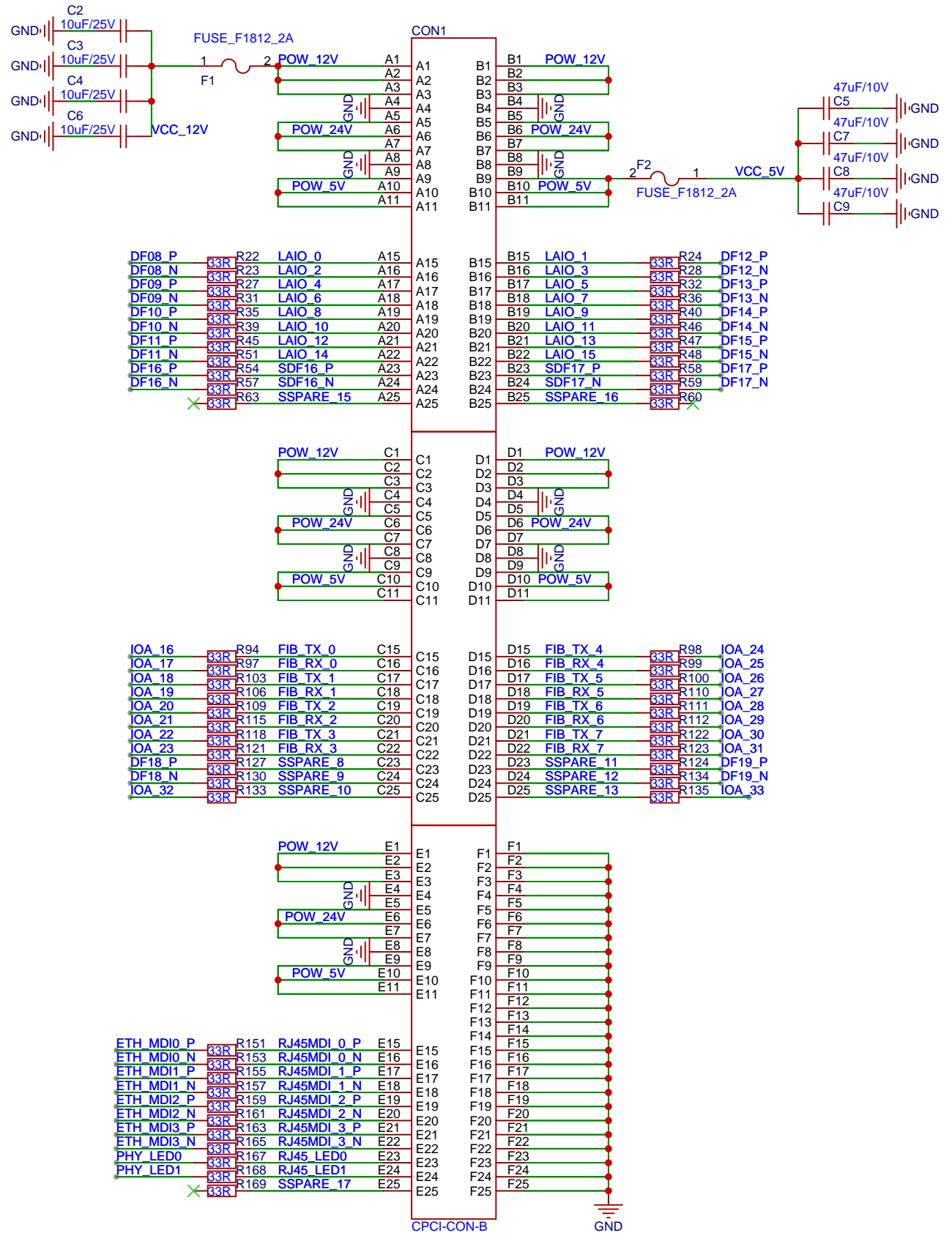
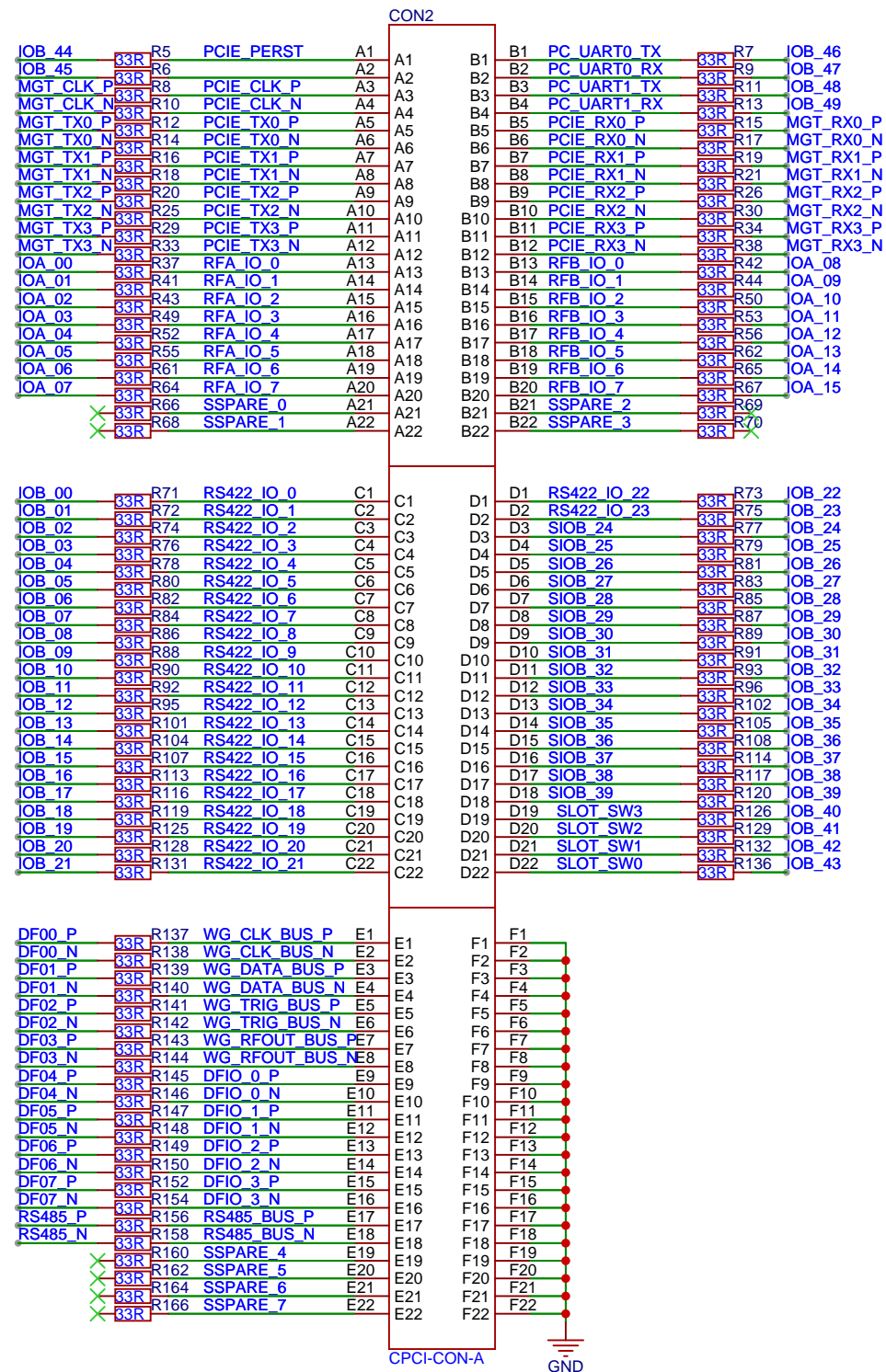
CN3


VCC_12V	1	100	GND
VCC_12V	2	99	GND
VCC_12V	3	98	ETH_MDI3_N
VCC_12V	4	97	ETH_MDI3_P
VCC_12V	5	96	ETH_MDI2_N
VCC_12V	6	95	ETH_MDI2_P
VCC_12V	7	94	
	8	93	
	9	92	
JTAG_VREF	10	91	GND
JTAG_VREF	11	90	GND
JTAG_VREF	12	89	ETH_MDI1_N
JTAG_TCK	13	88	
JTAG_TCK	14	87	ETH_MDI1_P
JTAG_TDO	15	86	ETH_MDI0_N
JTAG_TDO	16	85	ETH_MDI0_P
GND	17	84	
GND	18	83	
GND	19	82	
JTAG_TDI	20	81	GND
IOB_26	21	80	GND
JTAG_TMS	22	79	PHY_LED0
IOB_27	23	78	
IOB_28	24	77	PHY_LED1
IOB_29	25	76	RS485_RO
GND	26	75	
GND	27	74	
IOB_30	28	73	RS485_DI
IOB_31	29	72	
IOB_32	30	71	GND
IOB_33	31	70	GND
IOB_34	32	69	
IOB_35	33	68	
IOB_36	34	67	
IOB_37	35	66	
IOB_38	36	65	
GND	37	64	
GND	38	63	
GND	39	62	
GND	40	61	
	41	60	GND
	42	59	GND
	43	58	IOB_49
	44	57	IOB_47
IOB_39	45	56	IOB_48
IOB_40	46	55	IOB_46
IOB_41	47	54	IOB_45
GND	48	53	IOB_43
GND	49	52	IOB_44
GND	50	51	IOB_42

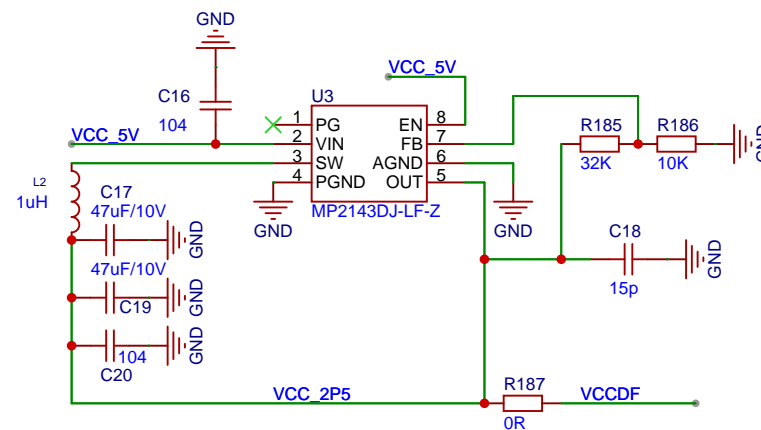
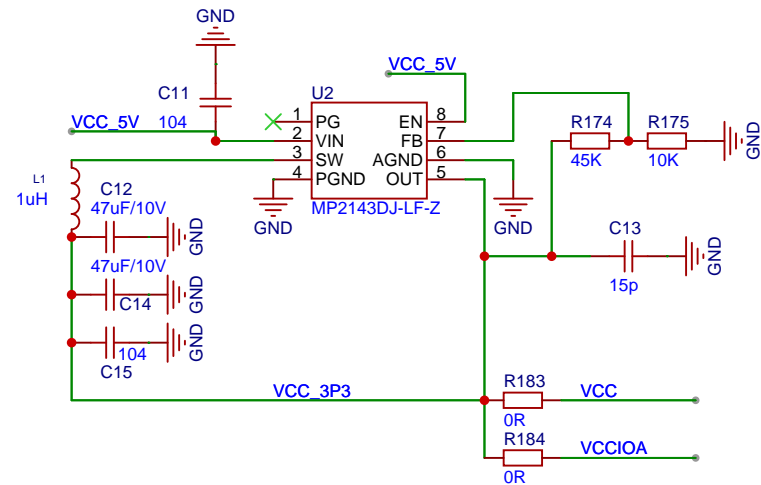
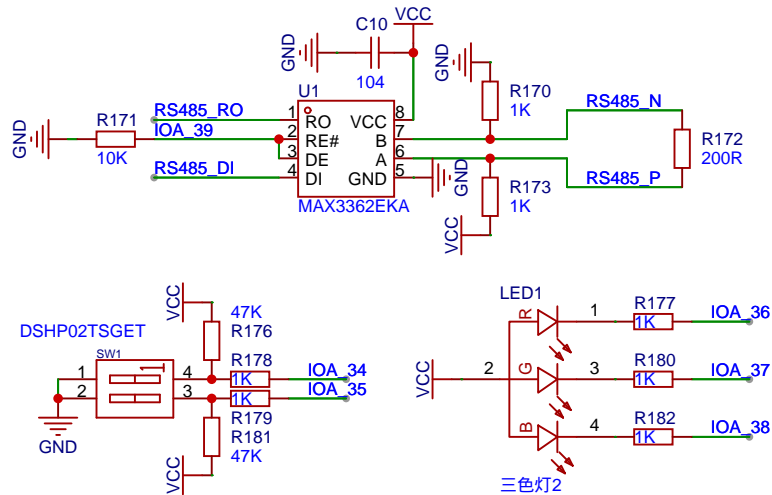
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Reviewed					
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		V0.1	A4	JOSN	



Schematic	Schematic1			Update Date	2024-11-04
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Reviewed					
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Schematic	Schematic1			Update Date	2024-11-04
				Create Date	2024-03-02
Page	P3			Part Number	
Drawn	KevinLiao	JS203-39-FPGA			
Reviewed					
		VER	SIZE	PAGE	3 OF 3
EasyEDA		V0.1	A4	JOSN	