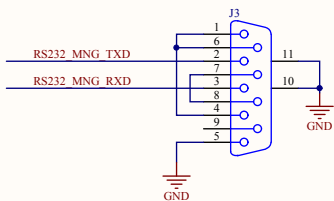
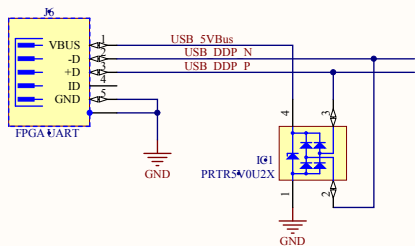


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#### Level: 3.3 V LVCMOS

ARM 3V3 GPIO PB[0..5] ARM 3V3 GPIO PB[0..5]

#### Level: 2.5 V LVCMOS

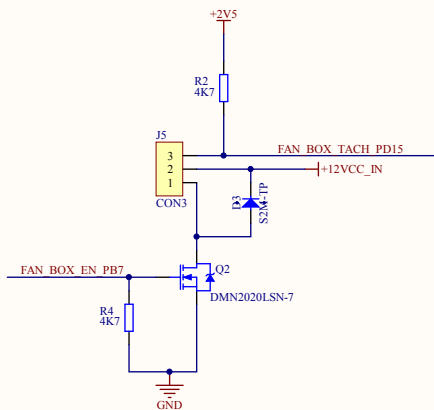
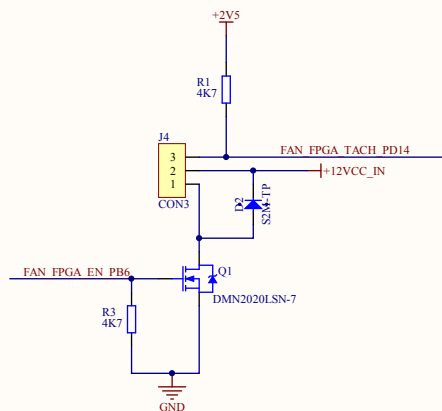
ARM 2V5 GPIO PD[10..13] ARM 2V5 GPIO PD[10..13]

#### Level: 2.5 V LVCMOS

ARM 2V5 GPIO PE[0..15] ARM 2V5 GPIO PE[0..15]

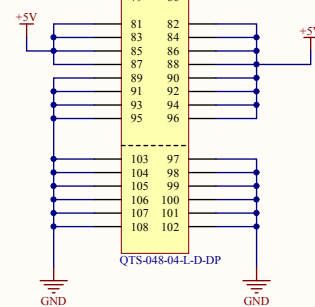
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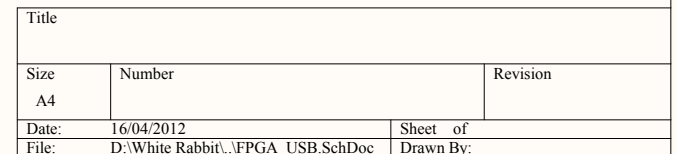
Green Labels: Net name on SCB schematics  
Red Labels: miniBackplane net name

RS232 MNG TXD	1	2	FPGA-GPIO0	FPGA GPIO35
RS232 MNG RXD	3	4	FPGA-GPIO1	FPGA GPIO34
USB 5VBus	5	6	FPGA-GPIO2	FPGA GPIO32
USB DDP N	7	8	FPGA-GPIO3	FPGA GPIO29
USB DDP P	9	10	FPGA-GPIO4	FPGA GPIO25
USB HDP N	11	12	FPGA-GPIO5	FPGA GPIO21
USB HDP P	13	14	FPGA-GPIO6	FPGA GPIO17
	15	16	FPGA-GPIO7	FPGA GPIO13
ARM 2V5 GPIO PE14	17	18	FPGA-GPIO8	FPGA GPIO9
ARM 2V5 GPIO PD11	19	20	FPGA-GPIO9	FPGA GPIO5
ARM 2V5 GPIO PE12	21	22	FPGA-GPIO10	FPGA GPIO1
ARM 2V5 GPIO PE10	23	24	FPGA-GPIO11	FPGA GPIO33
ARM 2V5 GPIO PE8	25	26	FPGA-GPIO12	FPGA GPIO28
ARM 2V5 GPIO PD13	27	28	FPGA-GPIO13	FPGA GPIO30
FBOOT SEL	29	30	FPGA-GPIO14	FPGA GPIO31
EXT_NRST	31	32	FPGA-GPIO15	FPGA GPIO24
ARM 2V5 GPIO PE6	33	34	FPGA-GPIO16	FPGA GPIO26
ARM 2V5 GPIO PE4	35	36	FPGA-GPIO17	FPGA GPIO27
ARM 2V5 GPIO PE2	37	38	FPGA-GPIO18	FPGA GPIO20
ARM 2V5 GPIO PE0	39	40	FPGA-GPIO19	FPGA GPIO22
ARM 2V5 GPIO PD10	41	42	FPGA-GPIO20	FPGA GPIO23
ARM 2V5 GPIO PE15	43	44	FPGA-GPIO21	FPGA GPIO16
ARM 2V5 GPIO PE13	45	46	FPGA-GPIO22	FPGA GPIO18
ARM 2V5 GPIO PE11	47	48	FPGA-GPIO23	FPGA GPIO19
ARM 3V3 GPIO PB3	49	50	FPGA-GPIO24	FPGA GPIO12
ARM 3V3 GPIO PB2	51	52	FPGA-GPIO25	FPGA GPIO14
ARM 3V3 GPIO PB5	53	54	FPGA-GPIO26	FPGA GPIO15
ARM 3V3 GPIO PB4	55	56	FPGA-GPIO27	FPGA GPIO8
FAN FPGA EN PB7	57	58	FPGA-GPIO28	FPGA GPIO10
ARM 3V3 GPIO PB1	59	60	FPGA-GPIO29	FPGA GPIO11
ARM 3V3 GPIO PB0	61	62	FPGA-GPIO30	FPGA GPIO4
	63	64	FPGA-GPIO31	FPGA GPIO6
ARM 2V5 GPIO PE9	65	66	FPGA-GPIO32	FPGA GPIO7
ARM 2V5 GPIO PE7	67	68	FPGA-GPIO33	FPGA GPIO0
ARM 2V5 GPIO PE5	69	70	FPGA-GPIO34	FPGA GPIO2
ARM 2V5 GPIO PE3	71	72	FPGA-GPIO35	FPGA GPIO3
ARM 2V5 GPIO PE1	73	74	FPGA-GPIO36	I2C IOs SDA0
ARM 2V5 GPIO PD12	75	76	FPGA-GPIO37	I2C IOs SCL0
FAN BOX TACH PD15	77	78	FPGA-GPIO38	I2C IOs SDA1
FAN FPGA TACH PD14	79	80	FPGA-GPIO39	I2C IOs SCL1



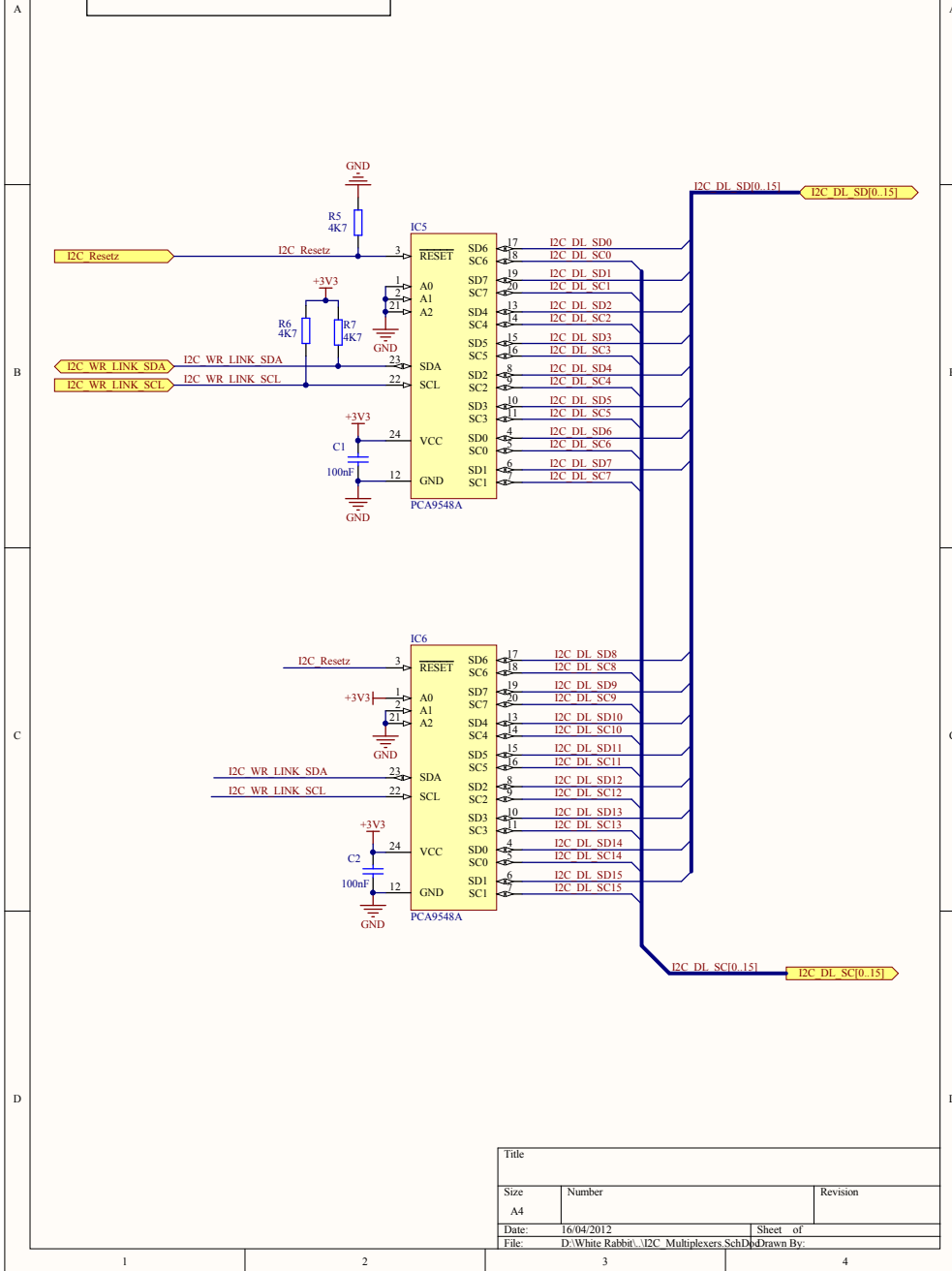
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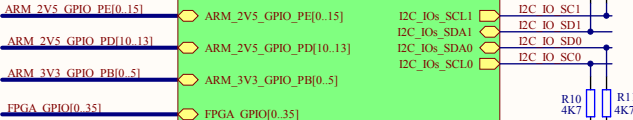
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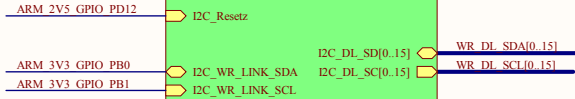
FIG1 FIG2 FIG3 FIG4

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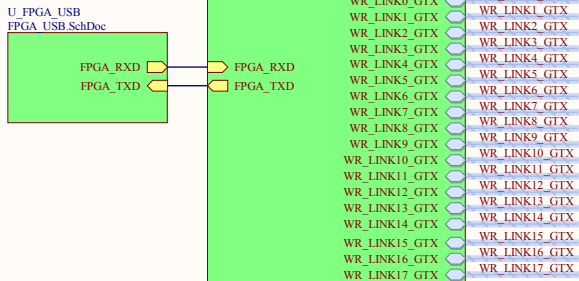


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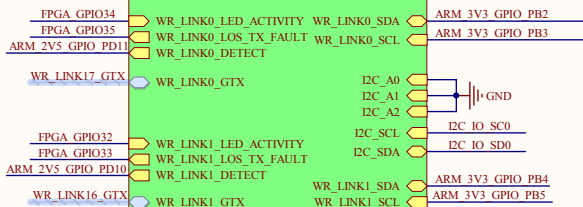


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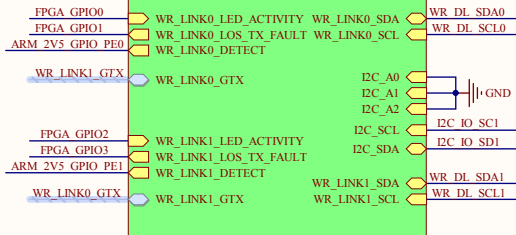
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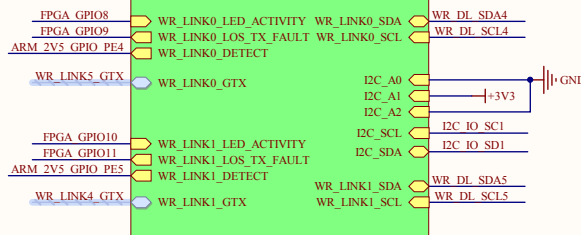
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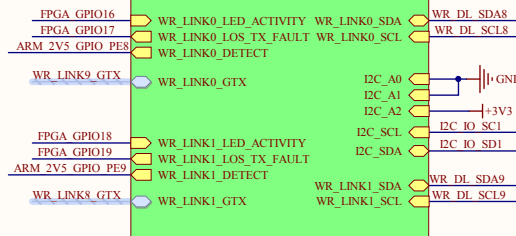
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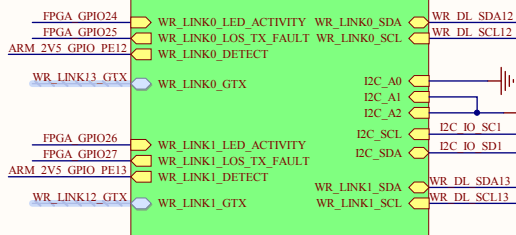
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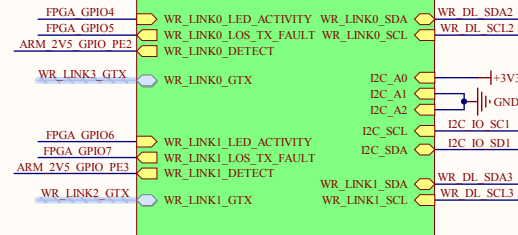
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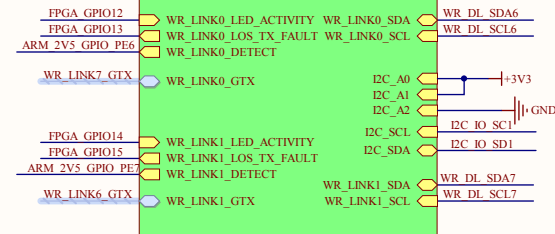
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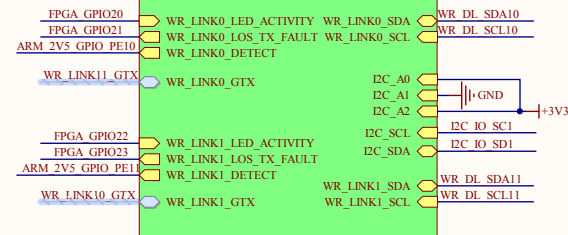
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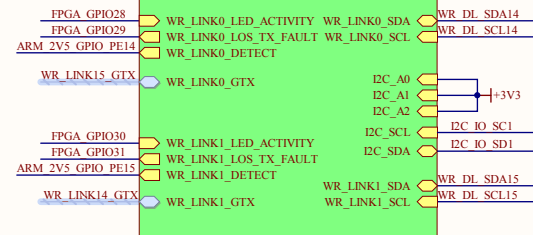
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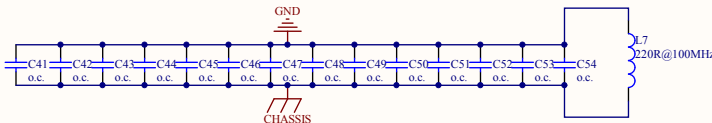
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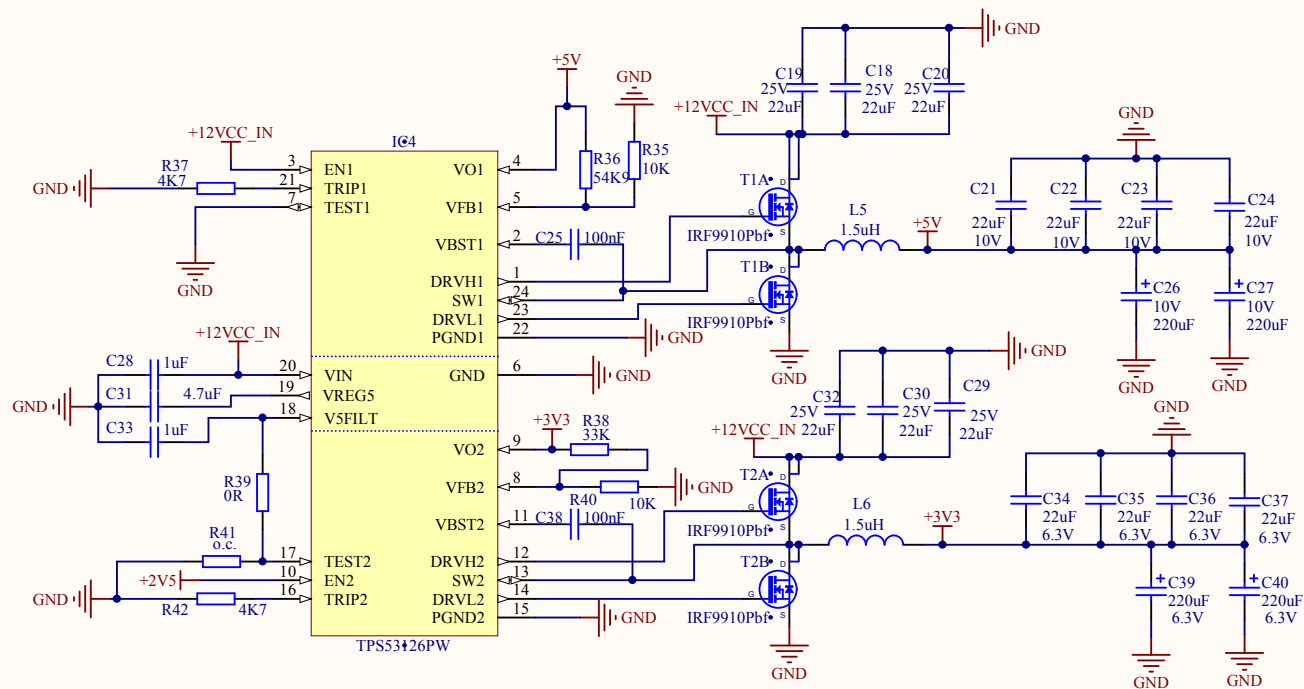
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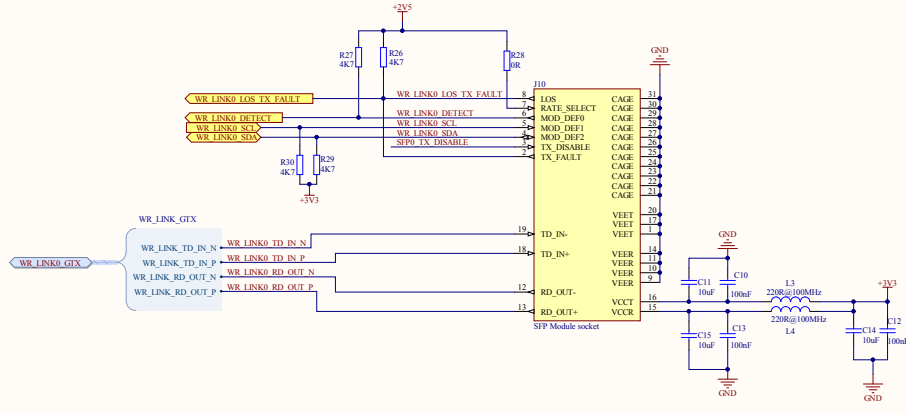
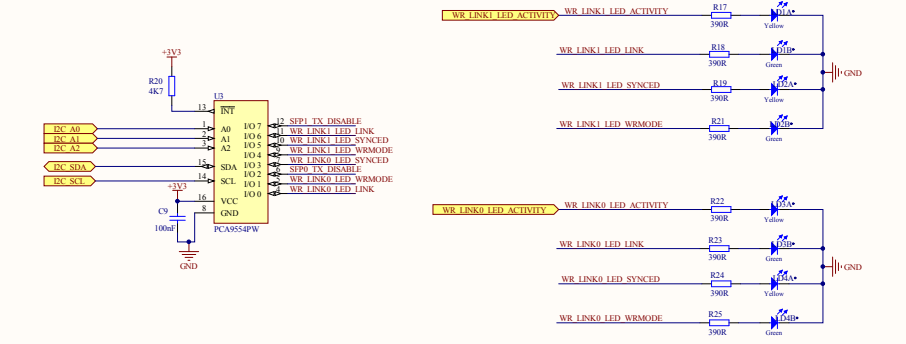
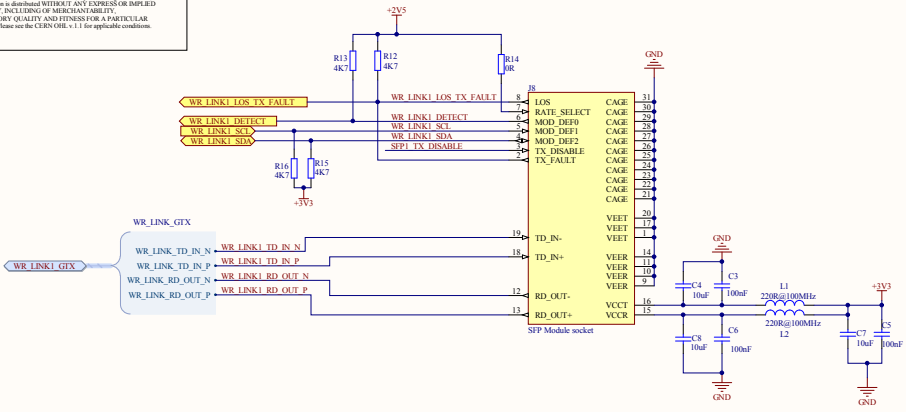
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