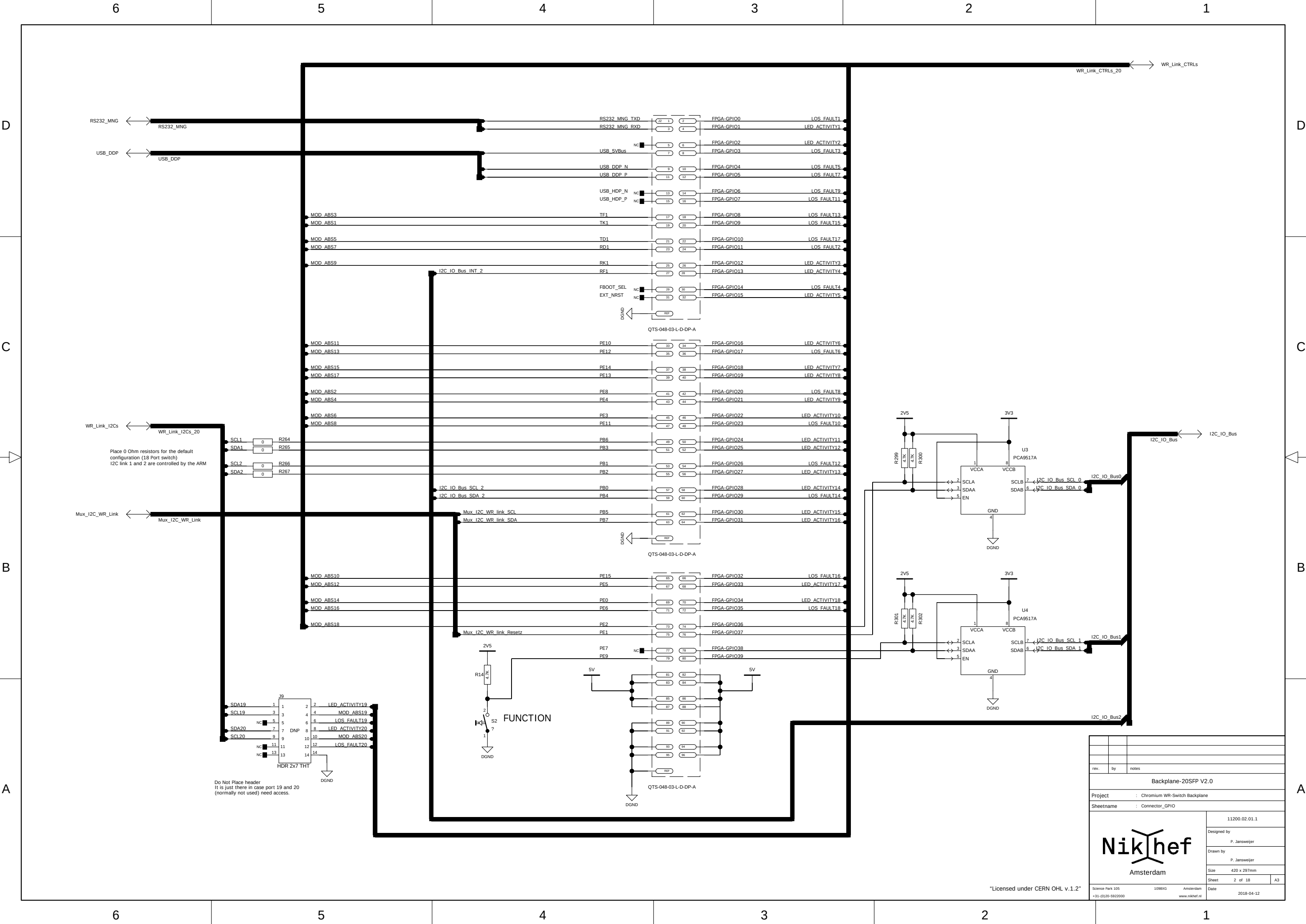
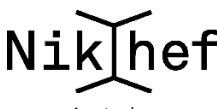
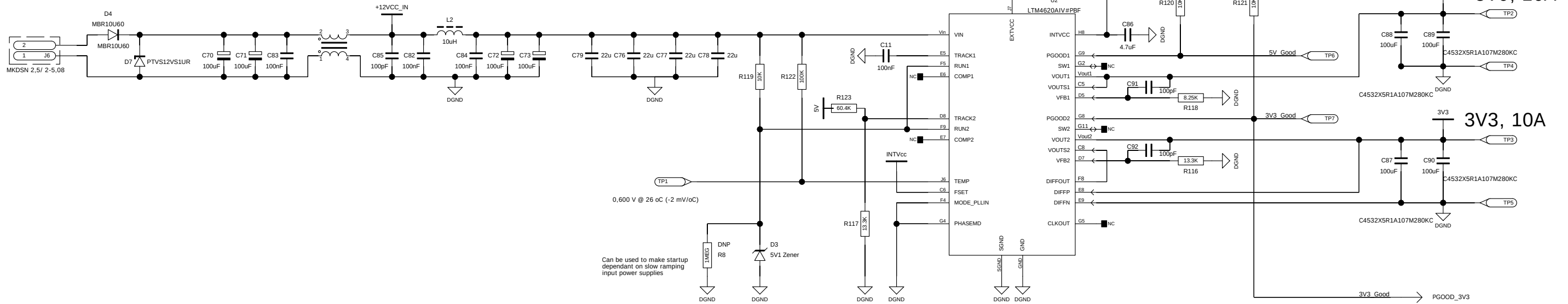




rev.	by	notes
Backplane-20SFP V2.0		
Project : Chromium WR-Switch Backplane		
Sheetname : Connector_GPIO		
		11200.02.01.1
		Designed by P. Jansweijer
		Drawn by P. Jansweijer
		Size 420 x 297mm
		Sheet 2 of 18
Science Park 105 +31-(0)20-5922000		1098XG Amsterdam www.nikhef.nl
Date		2018-04-12

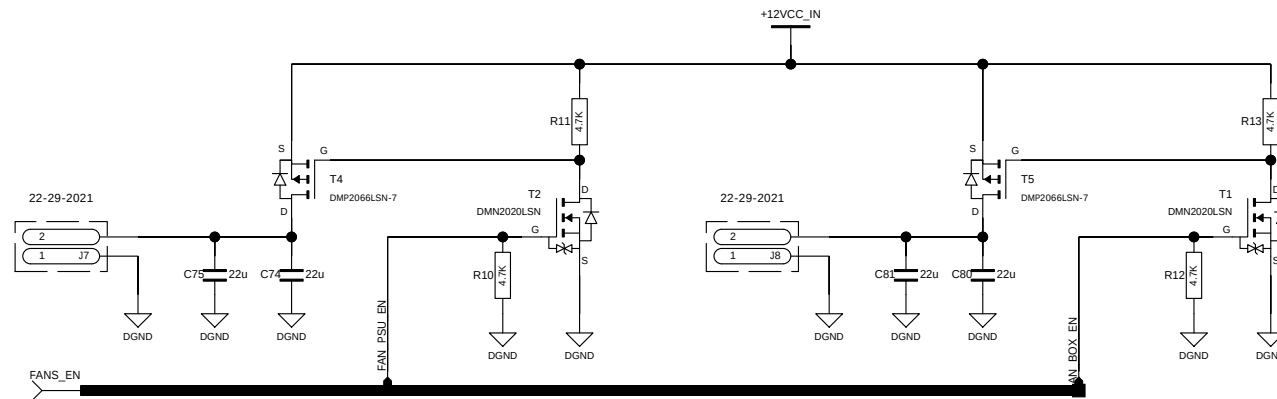


12V, 7.5A



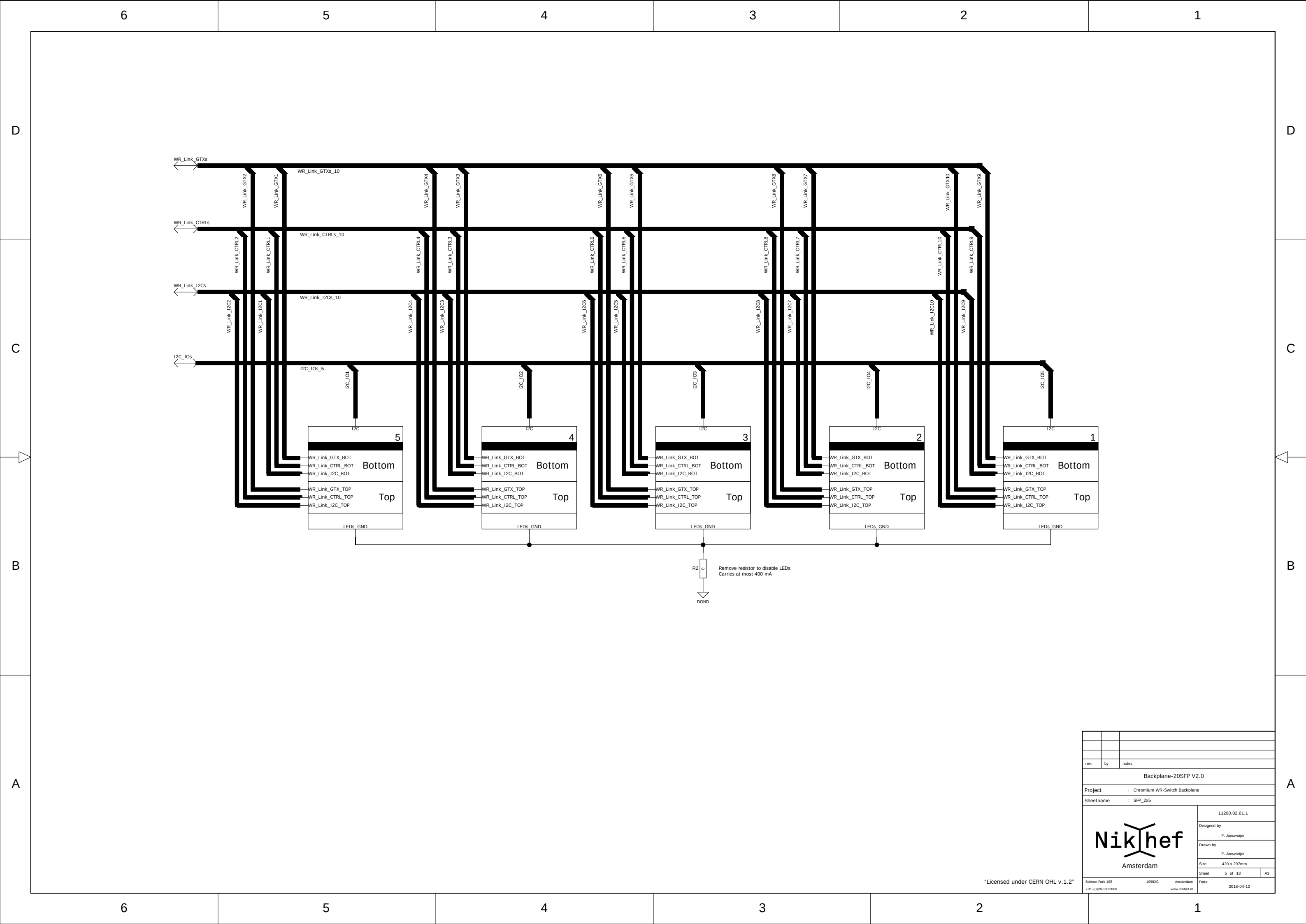
0,600 V @ 26 oC (-2 mV/oC)

Can be used to make startup dependant on slow ramping input power supplies



rev.	by	notes
Backplane-20SFP V2.0		
Project : Chromium WR-Switch Backplane		
Sheetname : Power		
		11200.02.01.1
		Designed by P. Jansweijer
		Drawn by P. Jansweijer
		Size 420 x 297mm
		Sheet 4 of 18 A3
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Date		2018-04-12

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rev.	by	notes
Backplane-20SFP V2.0		
Project : Chromium WR-Switch Backplane		
Sheetname : SFP_2x5		
		11200.02.01.1
		Designed by P. Jansweijer
		Drawn by P. Jansweijer
		Size 420 x 297mm
		Sheet 5 of 18 A3
Science Park 105 +31-(0)20-6922000	1098XG Amsterdam www.nikhef.nl	Date 2018-04-12

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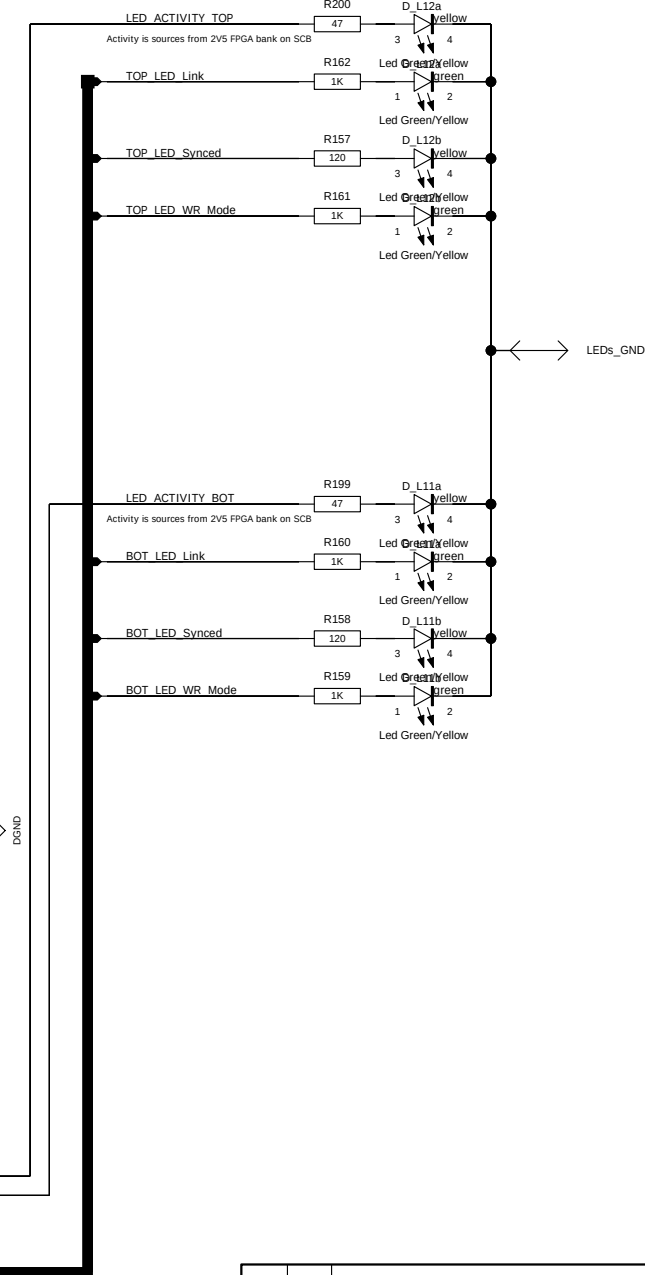
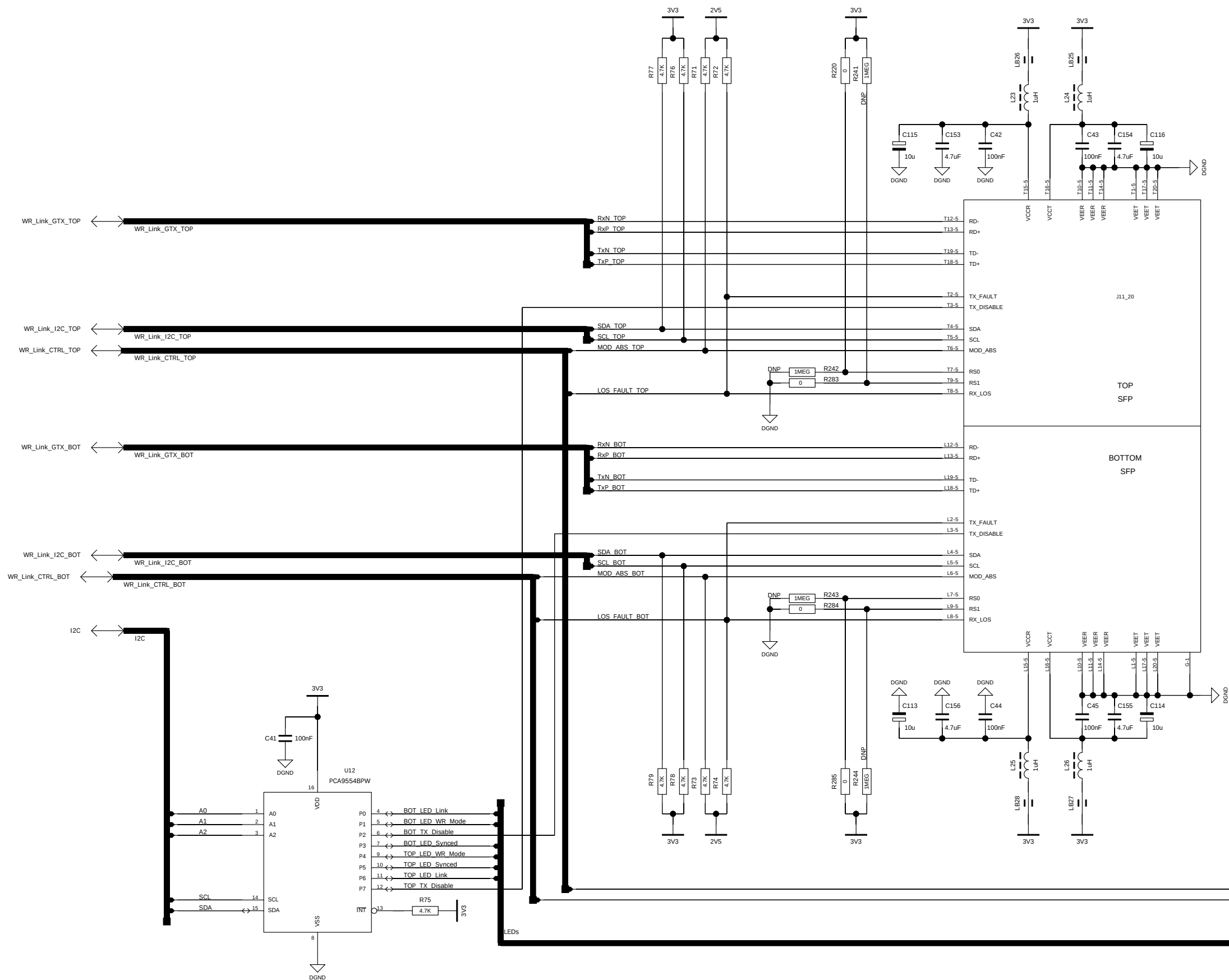
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rev.	by	notes
Backplane-20SFP V2.0		
Project : Chromium WR-Switch Backplane		
Sheetname : SFP_Cage_Sub_Slot		
		11200.02.01.1
		Designed by P. Jansweijer
		Drawn by P. Jansweijer
		Size 420 x 297mm
Sheet 6 of 18		A3
Date 2018-04-12		
Science Park 105 1098XG Amsterdam +31-(0)20-5922000 www.nikhef.nl		

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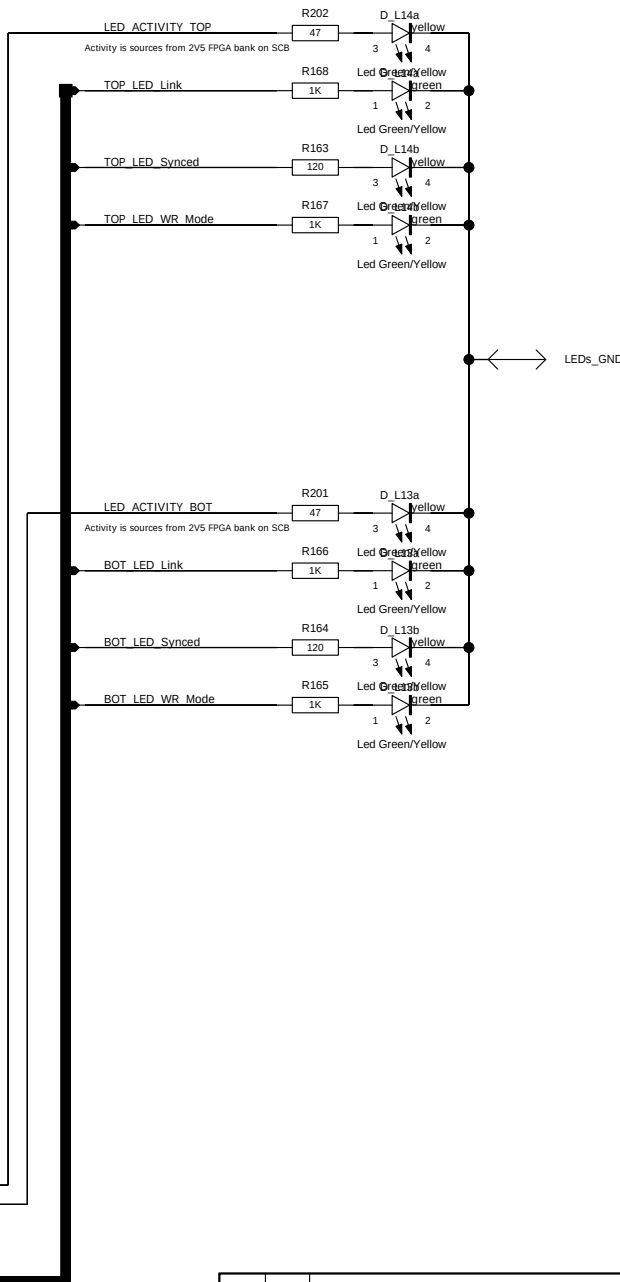
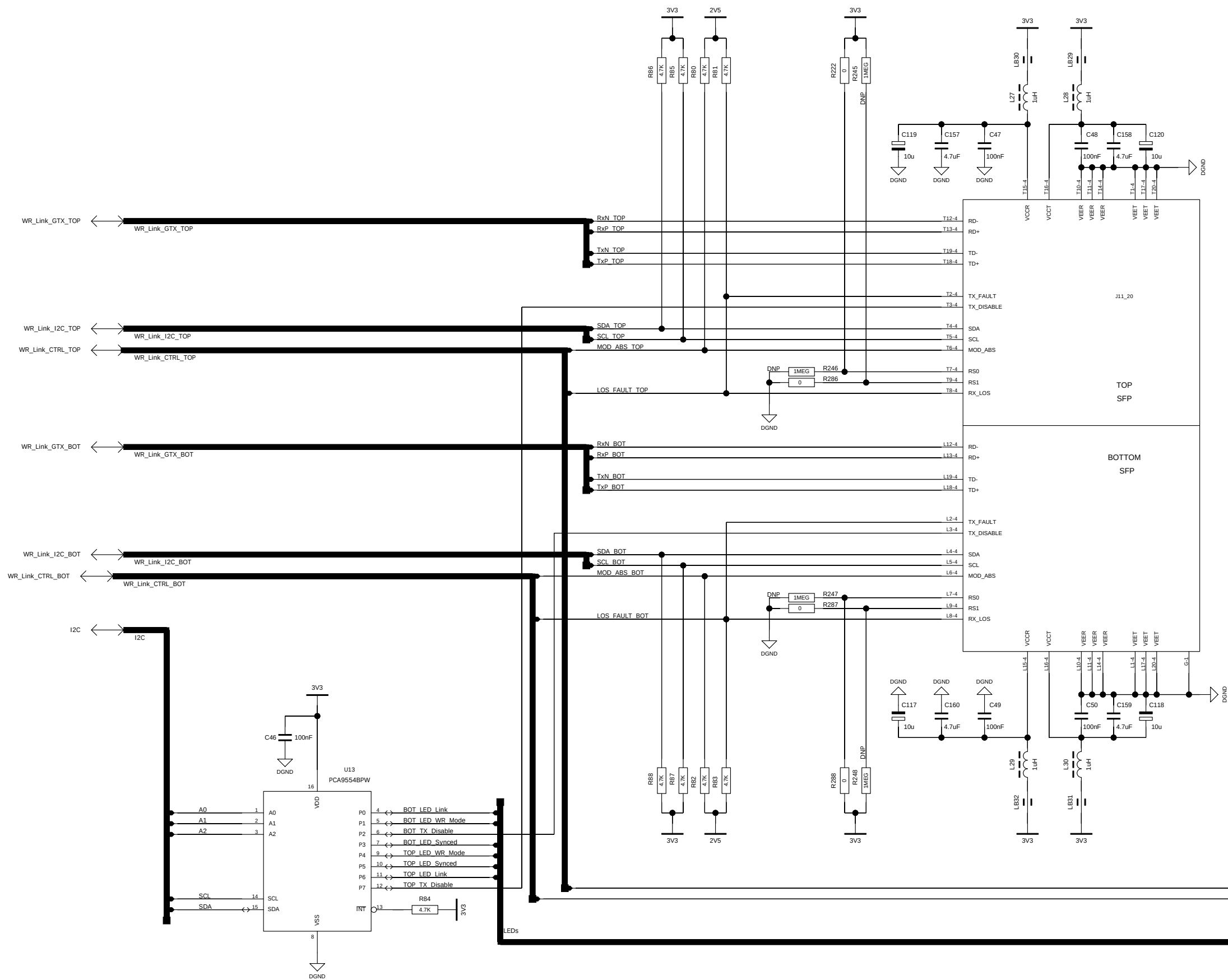
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rev.	by	notes
Backplane-20SFP V2.0		
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Sheetname : SFP_Cage_Sub_Slot		
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		Designed by P. Jansweijer
		Drawn by P. Jansweijer
		Size 420 x 297mm
		Sheet 7 of 18 A3
Science Park 105 +31-(0)20-5922000		Date 2018-04-12

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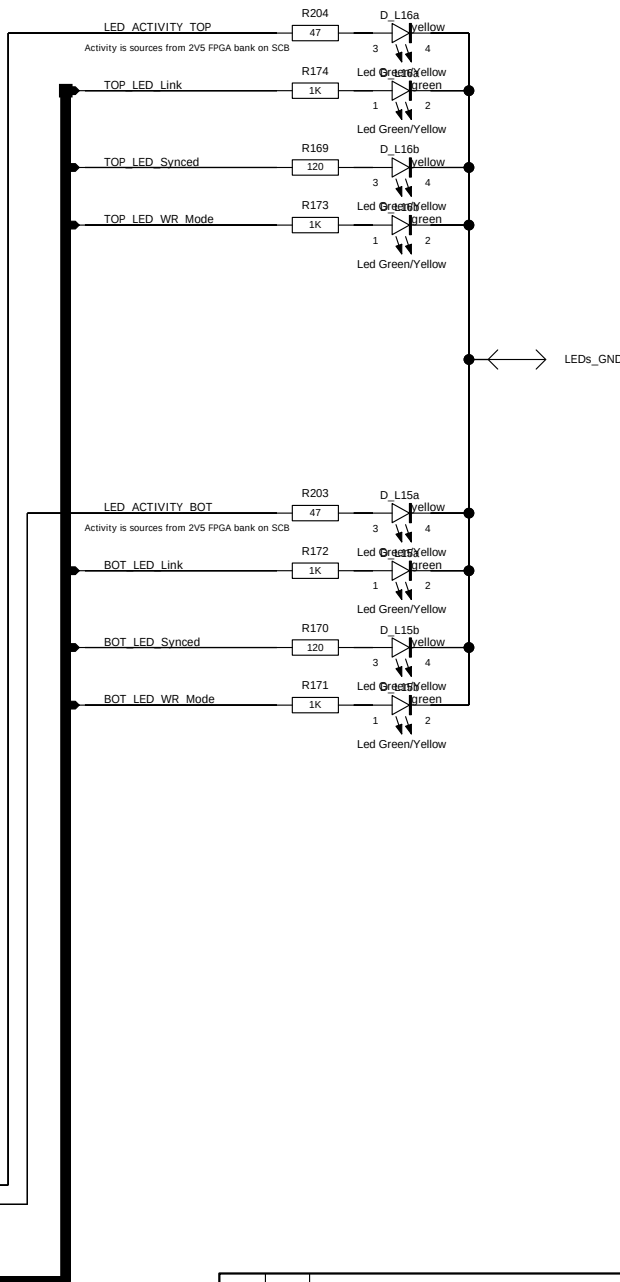
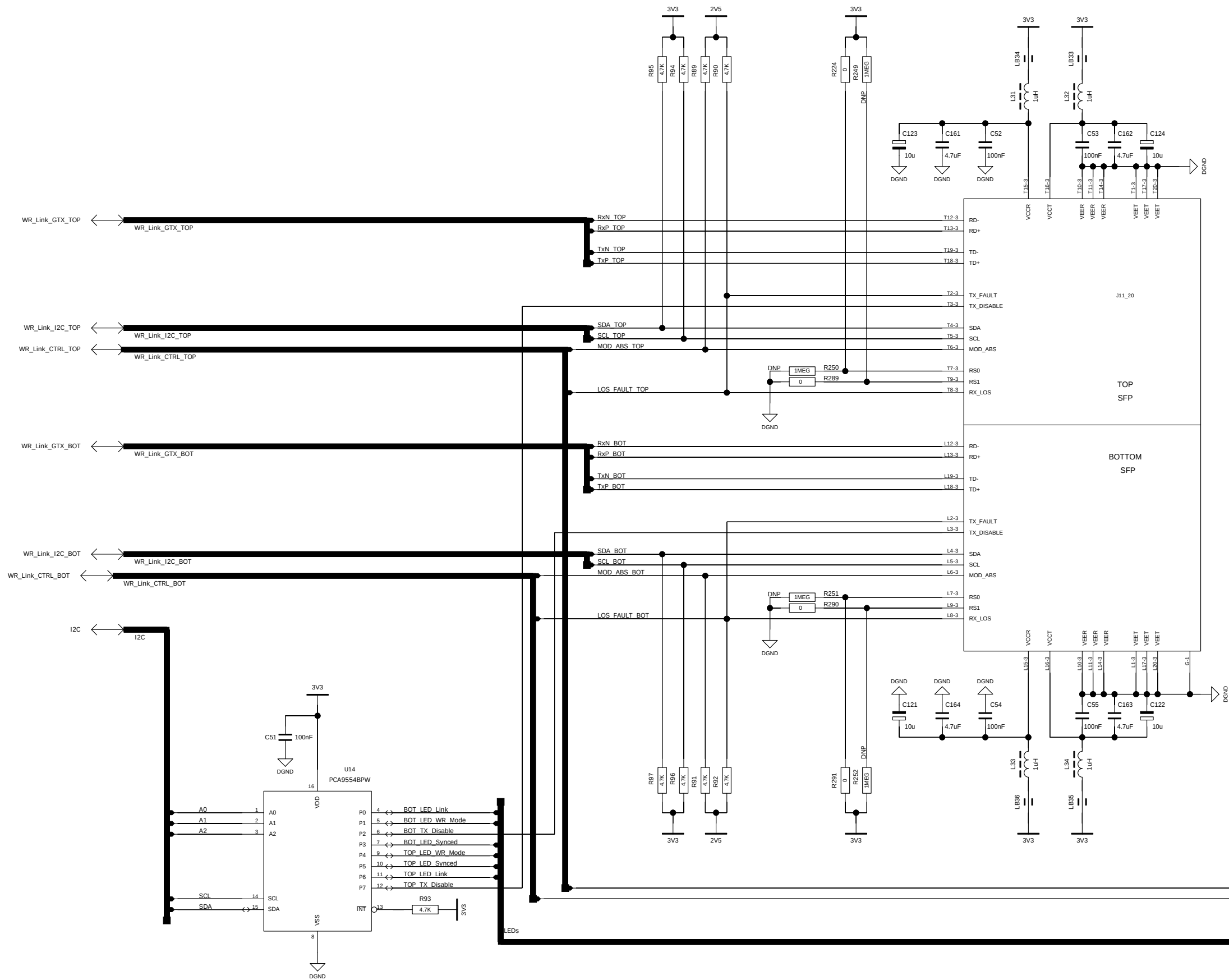
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rev.	by	notes
Backplane-20SFP V2.0		
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Sheetname : SFP_Cage_Sub_Slot		
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		Designed by P. Jansweijer
		Drawn by P. Jansweijer
		Size 420 x 297mm
Sheet 8 of 18		A3
Date 2018-04-12		
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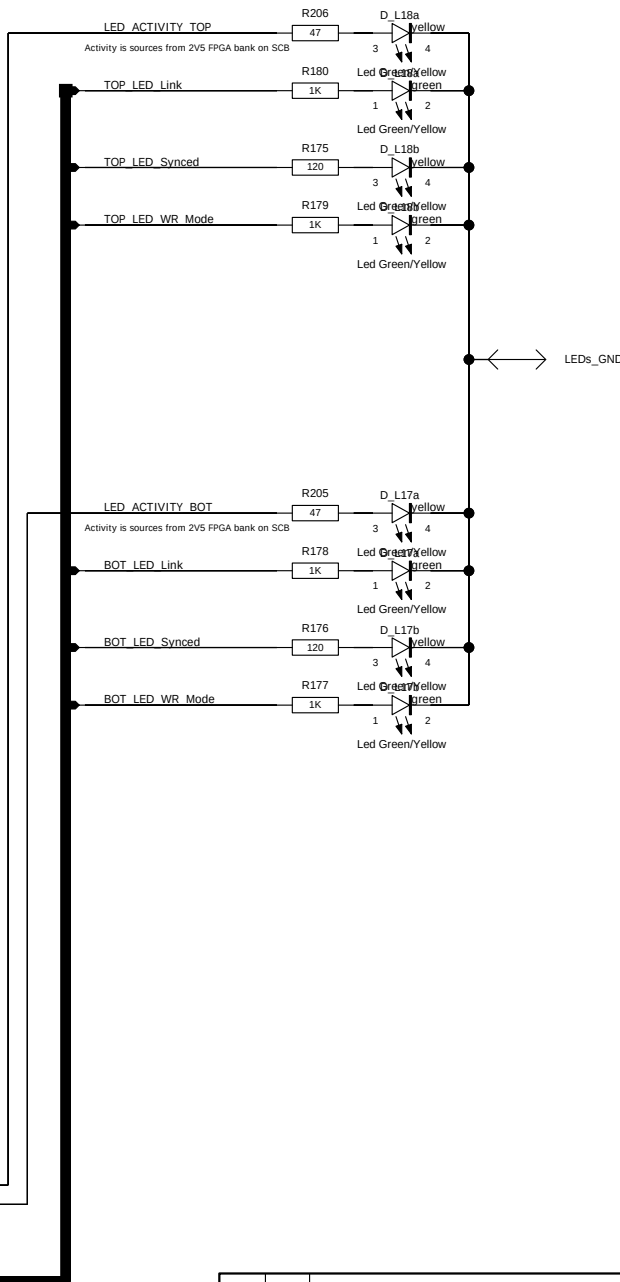
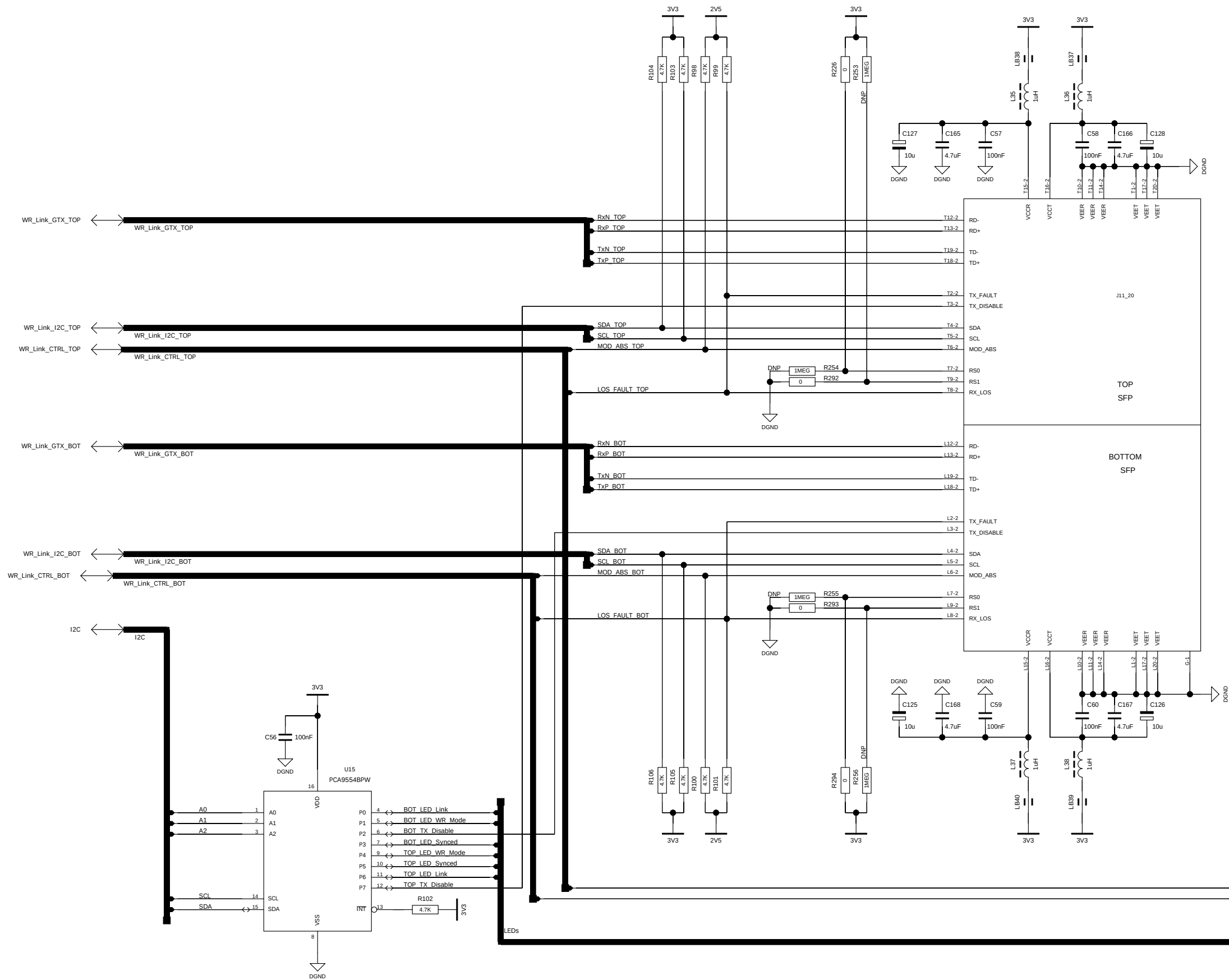
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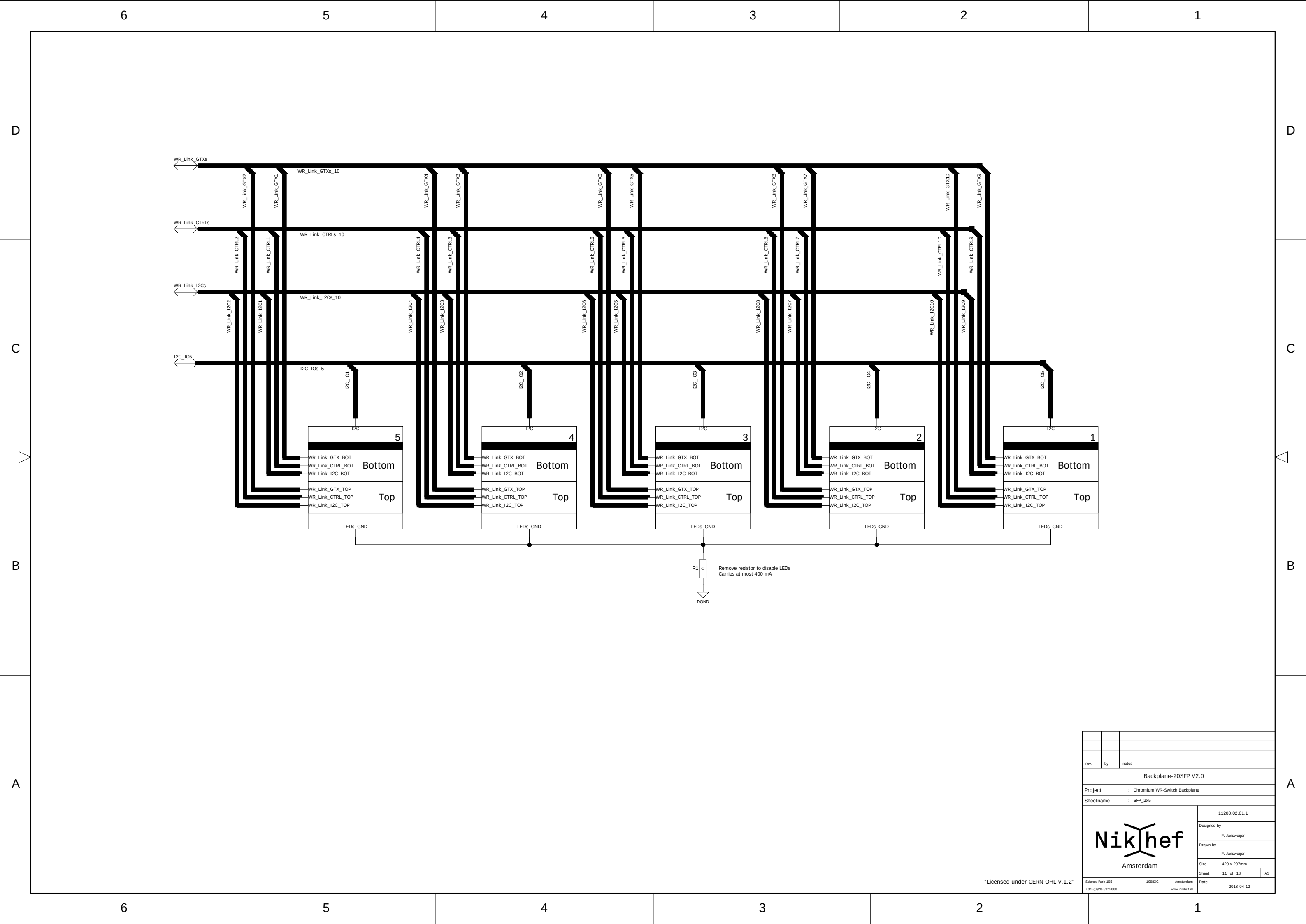
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		Designed by P. Jansweijer
		Drawn by P. Jansweijer
		Size 420 x 297mm
Sheet 9 of 18		A3
Date 2018-04-12		
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rev.	by	notes
Backplane-20SFP V2.0		
Project : Chromium WR-Switch Backplane		
Sheetname : SFP_2x5		
		11200.02.01.1
		Designed by P. Jansweijer
		Drawn by P. Jansweijer
		Size 420 x 297mm
		Sheet 11 of 18 A3
Science Park 105 +31-(0)20-6922000	1098XG Amsterdam www.nikhef.nl	Date 2018-04-12

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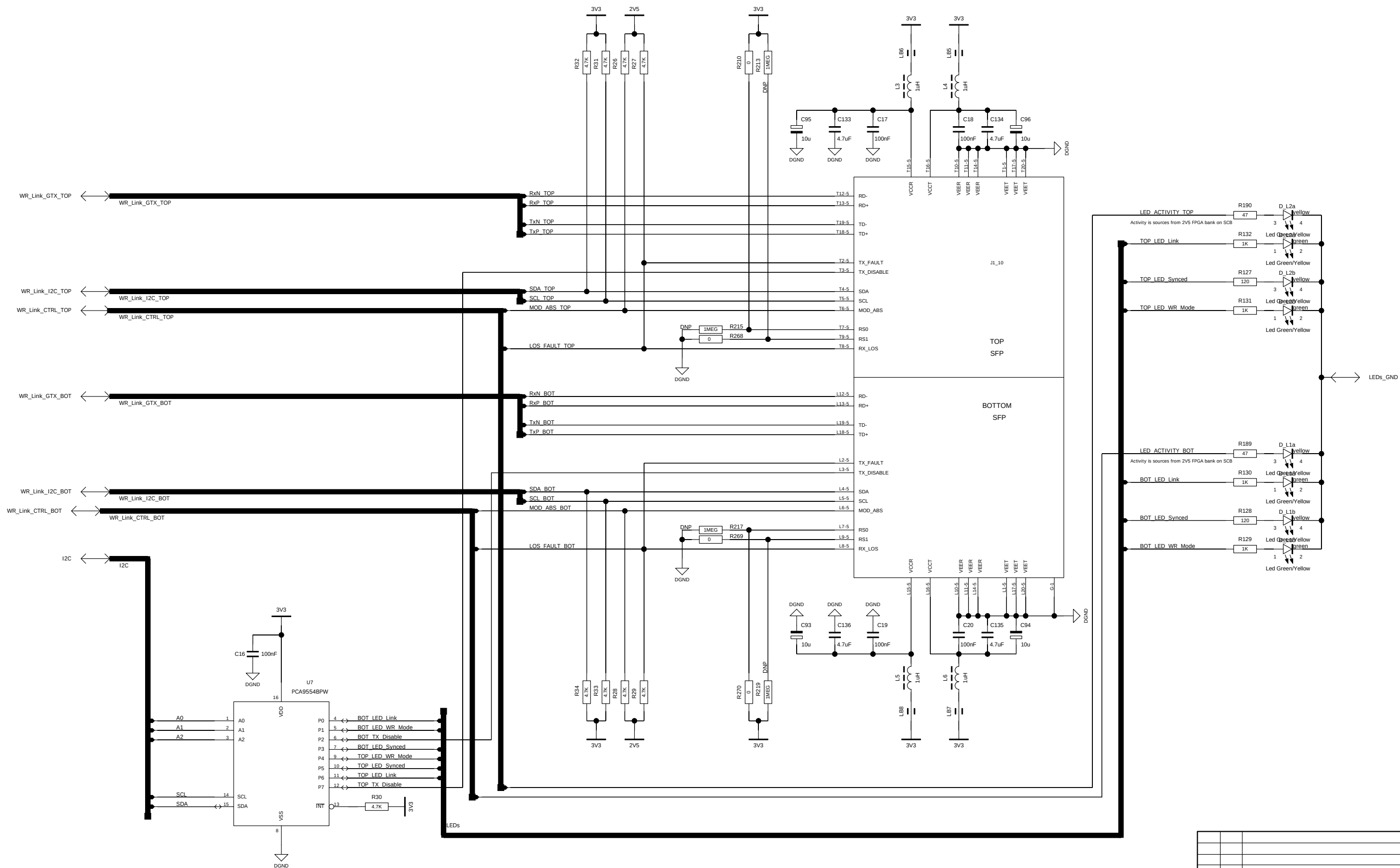
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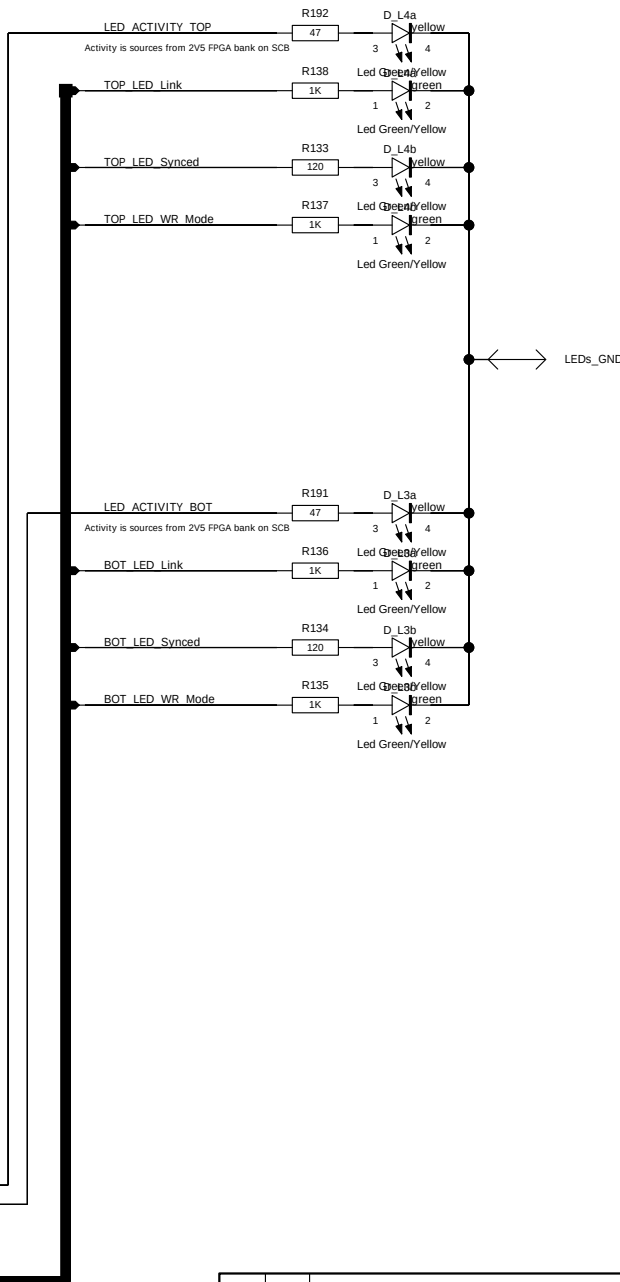
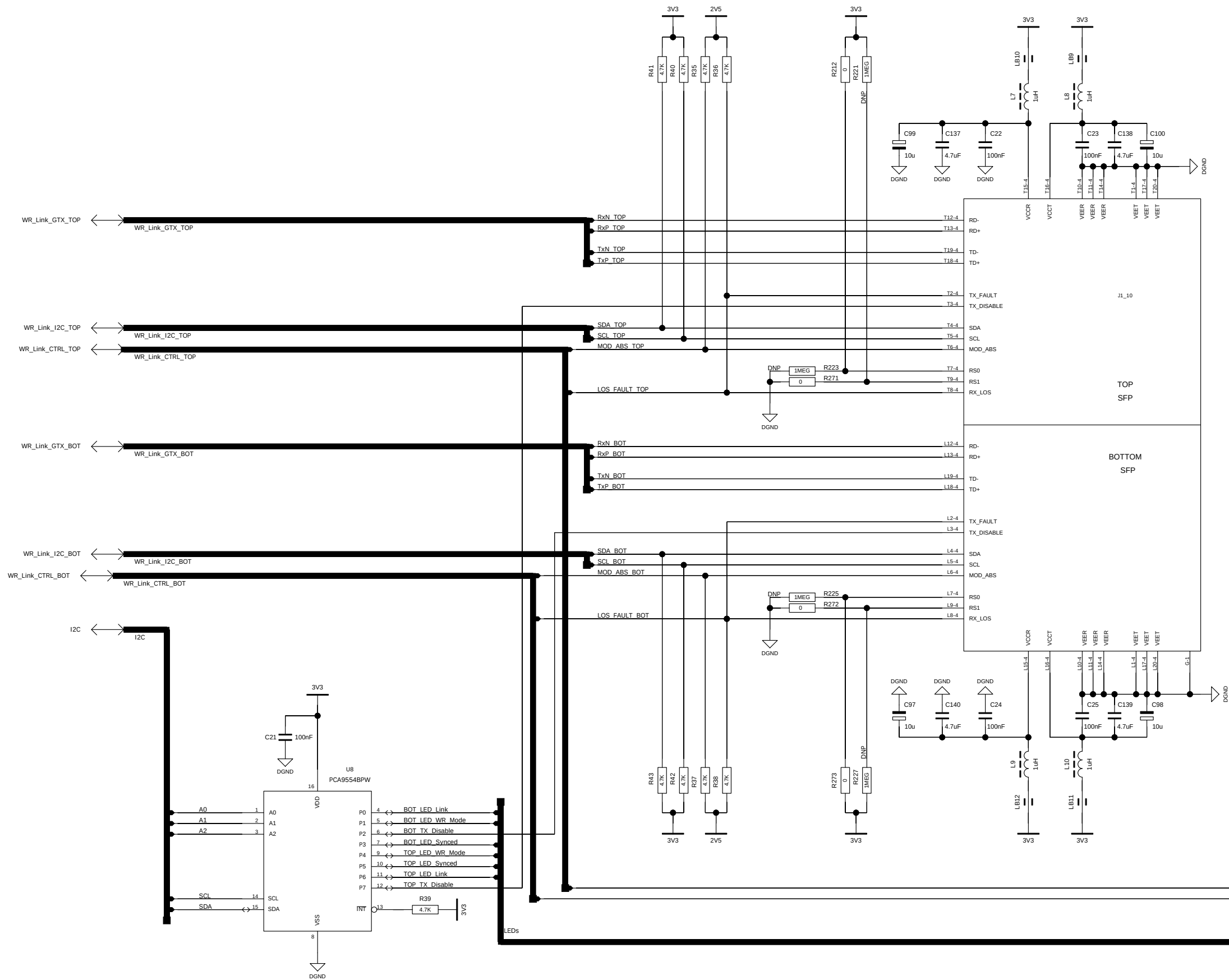
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rev.	by	notes
Backplane-20SFP V2.0		
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		Designed by P. Jansweijer
		Drawn by P. Jansweijer
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Sheet 13 of 18		A3
Date 2018-04-12		

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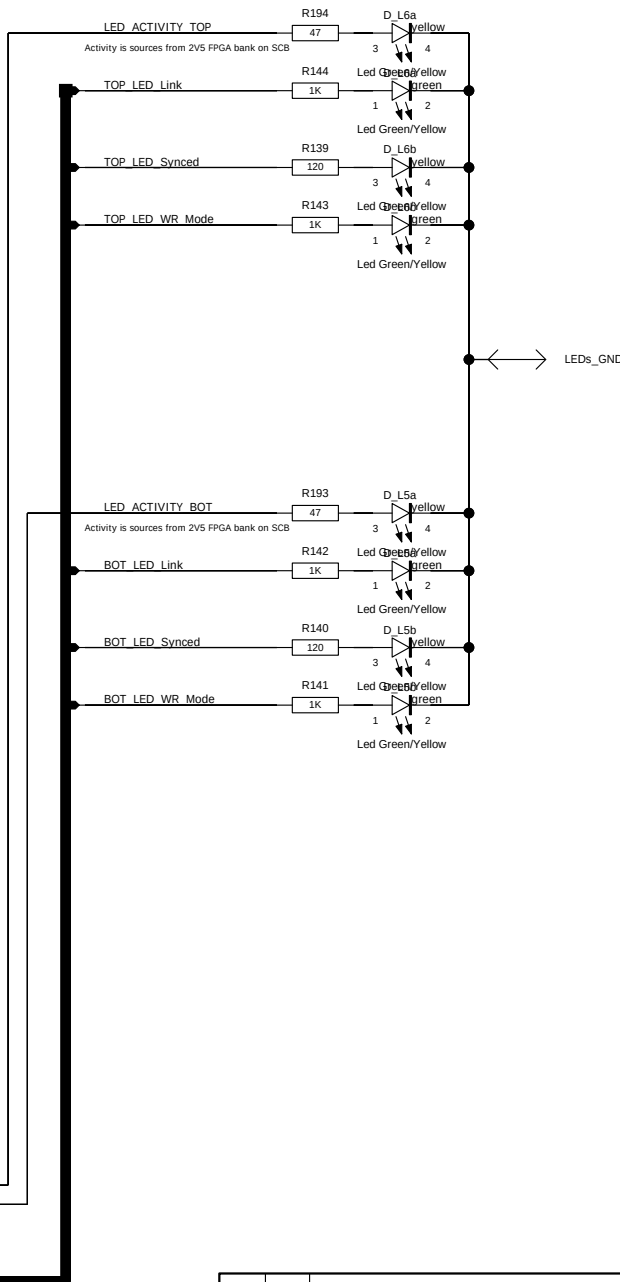
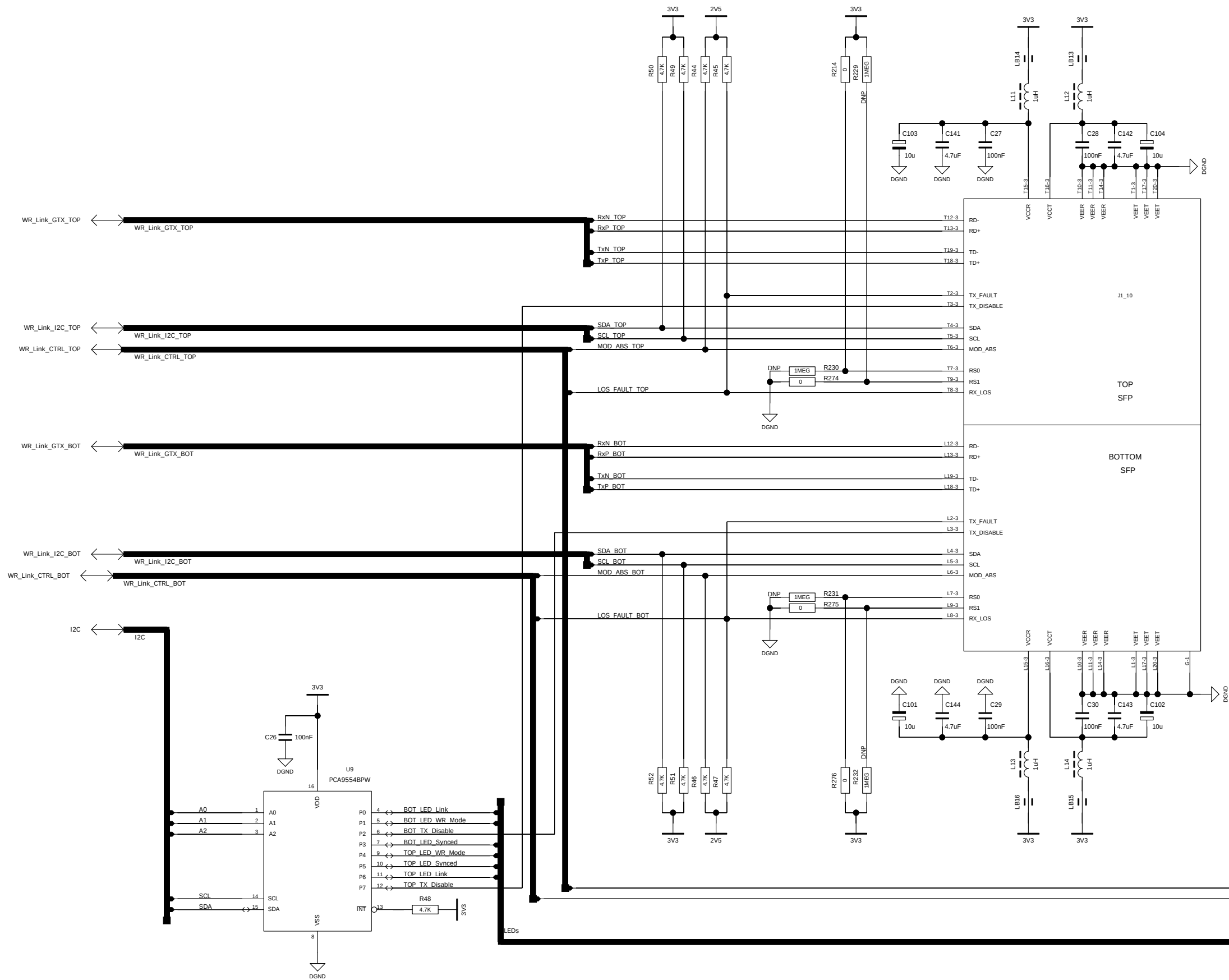
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rev.	by	notes
Backplane-20SFP V2.0		
Project : Chromium WR-Switch Backplane		
Sheetname : SFP_Cage_Sub_Slot		
		11200.02.01.1
		Designed by P. Jansweijer
		Drawn by P. Jansweijer
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Sheet 14 of 18		A3
Date 2018-04-12		

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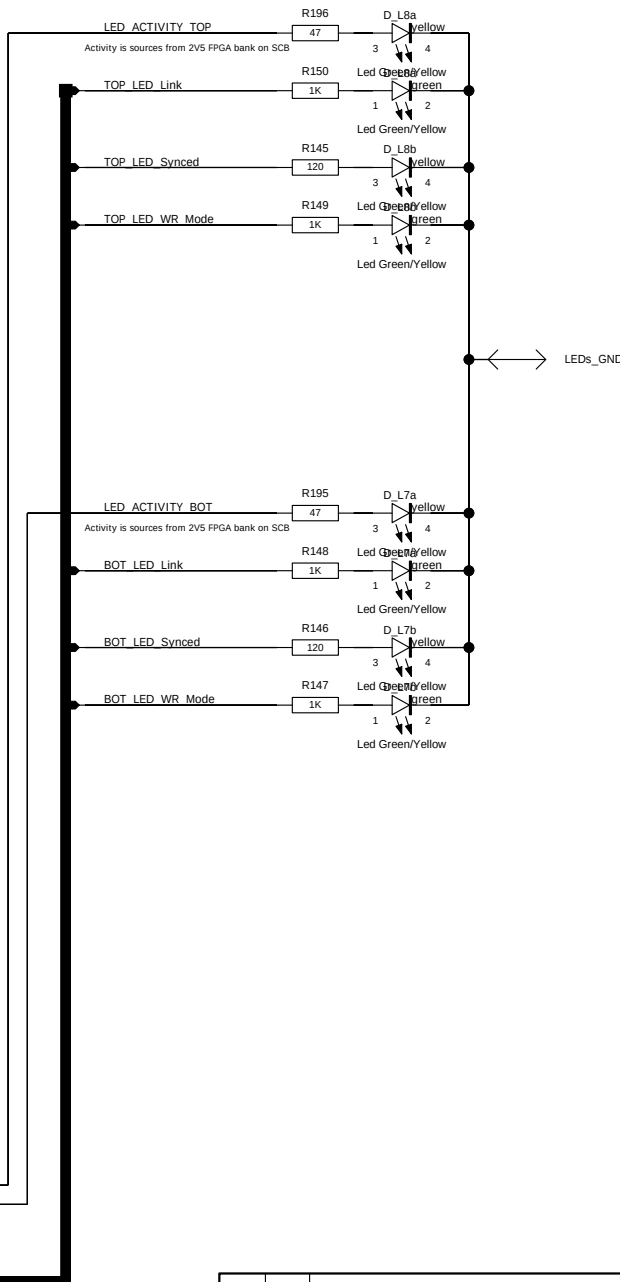
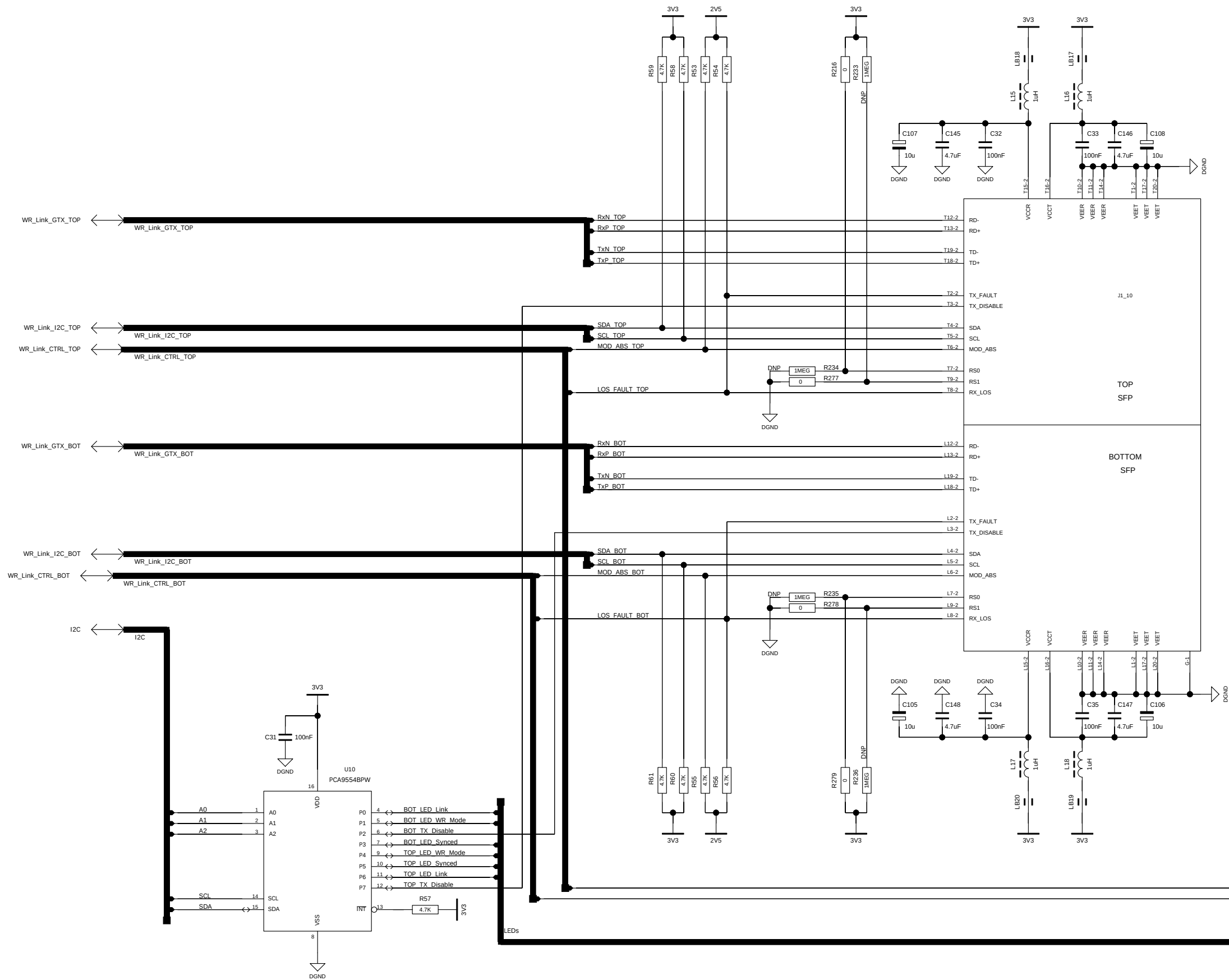
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rev.	by	notes
Backplane-20SFP V2.0		
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Sheetname : SFP_Cage_Sub_Slot		
		11200.02.01.1
		Designed by P. Jansweijer
		Drawn by P. Jansweijer
		Size 420 x 297mm
Sheet 15 of 18		A3
Date 2018-04-12		
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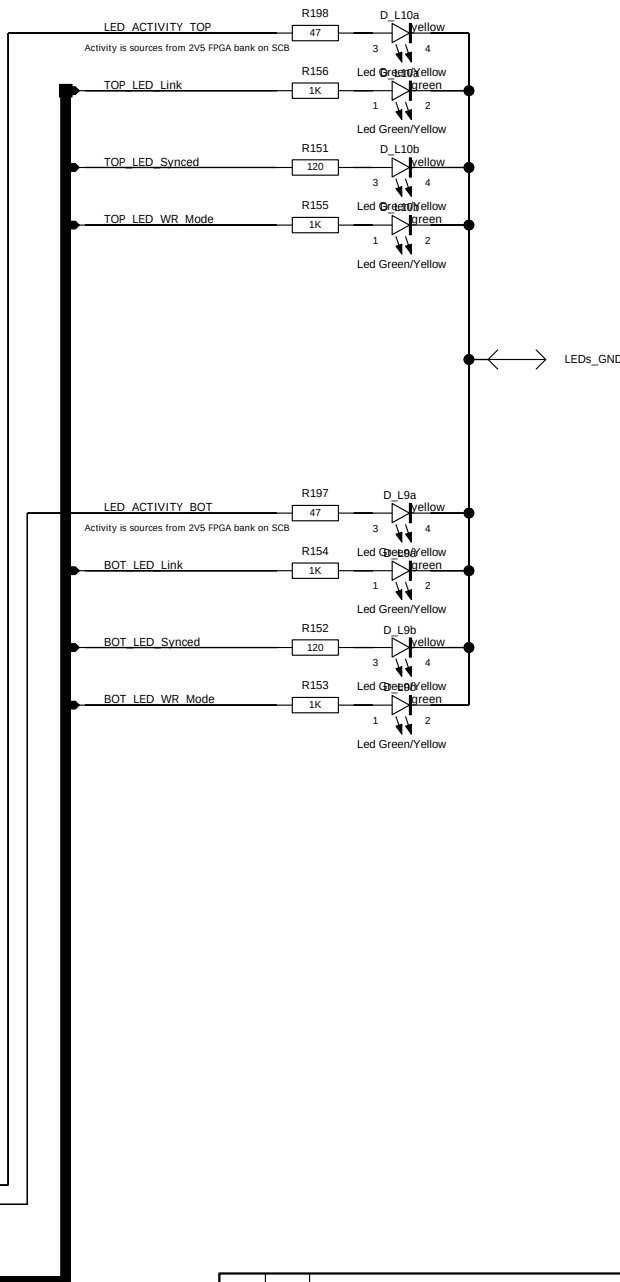
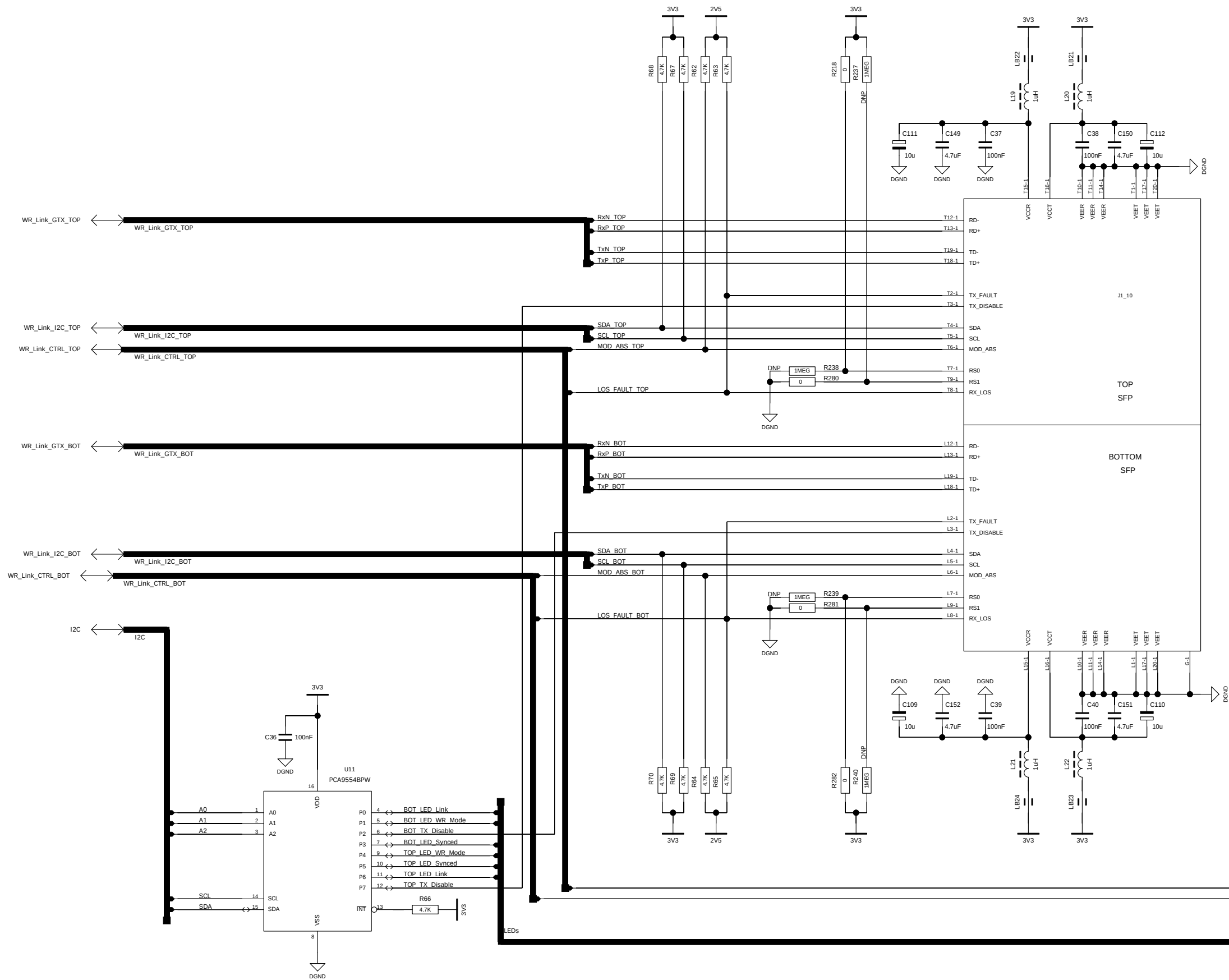
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rev.	by	notes
Backplane-20SFP V2.0		
Project : Chromium WR-Switch Backplane		
Sheetname : SFP_Cage_Sub_Slot		
		11200.02.01.1
		Designed by P. Jansweijer
		Drawn by P. Jansweijer
		Size 420 x 297mm
Sheet 16 of 18		A3
Date 2018-04-12		
Science Park 105 1098XG Amsterdam +31-(0)20-5922000 www.nikhef.nl		

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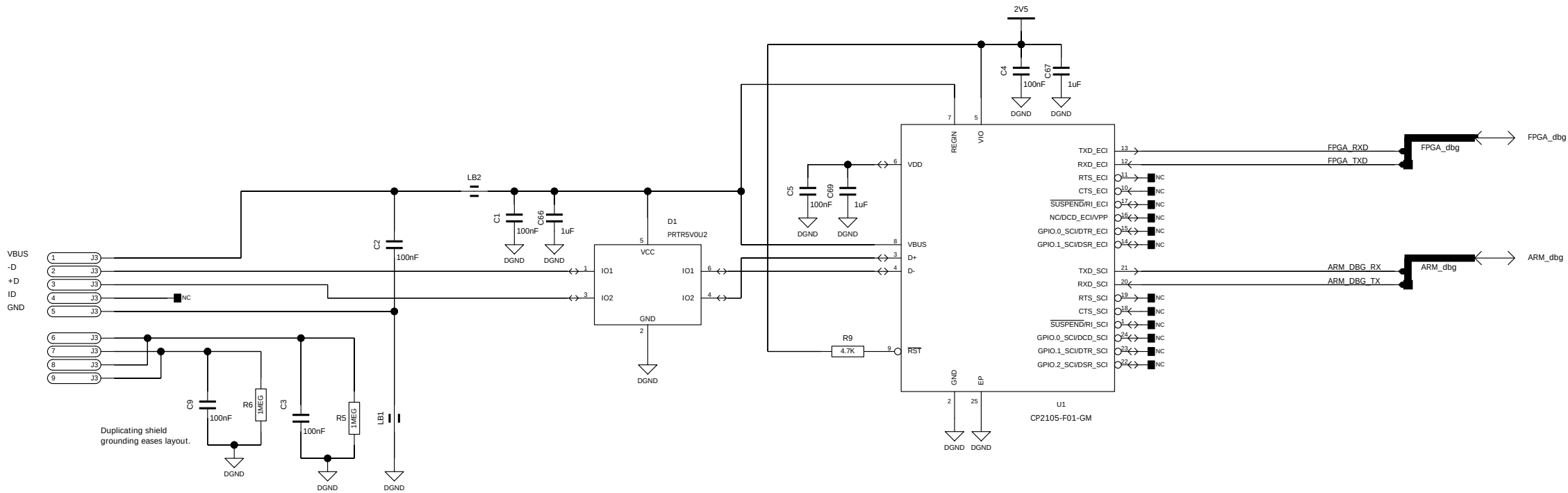
D

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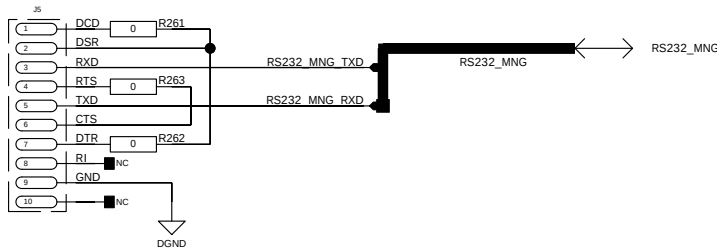
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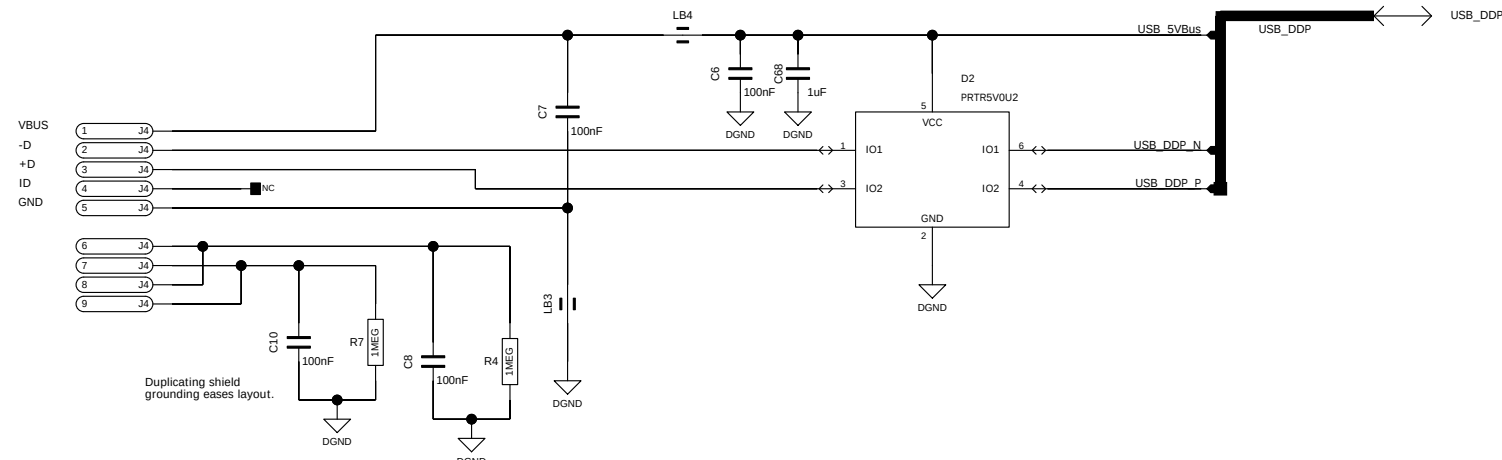
FPGA_USB
ARM_USB



Extend this connector with a flatcable header to a flatcable Female DSub-9 connector. Doing so the RS232 pinout definitions of the DSub-9 connector are as follows:



ARM Management USB



rev.	by	notes
Backplane-20SFP V2.0		
Project : Chromium WR-Switch Backplane		
Sheetname : USB_RS232		
		11200.02.01.1
		Designed by P. Jansweijer
		Drawn by P. Jansweijer
		Size 420 x 297mm
Sheet	17 of 18	A3
Science Park 105 +31-(0)20-5922000		1098XG Amsterdam www.nikhef.nl
Date		2018-04-12

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