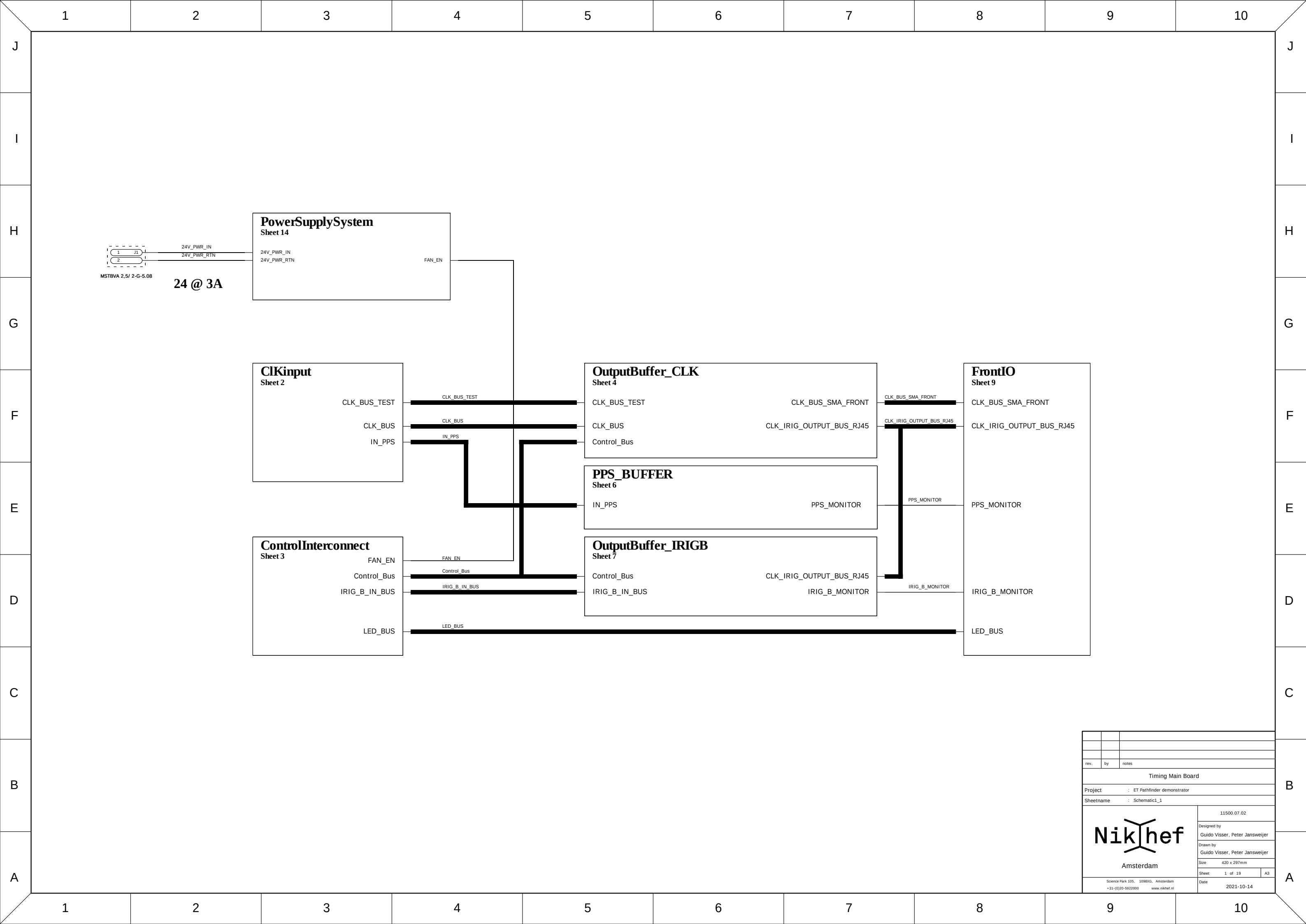
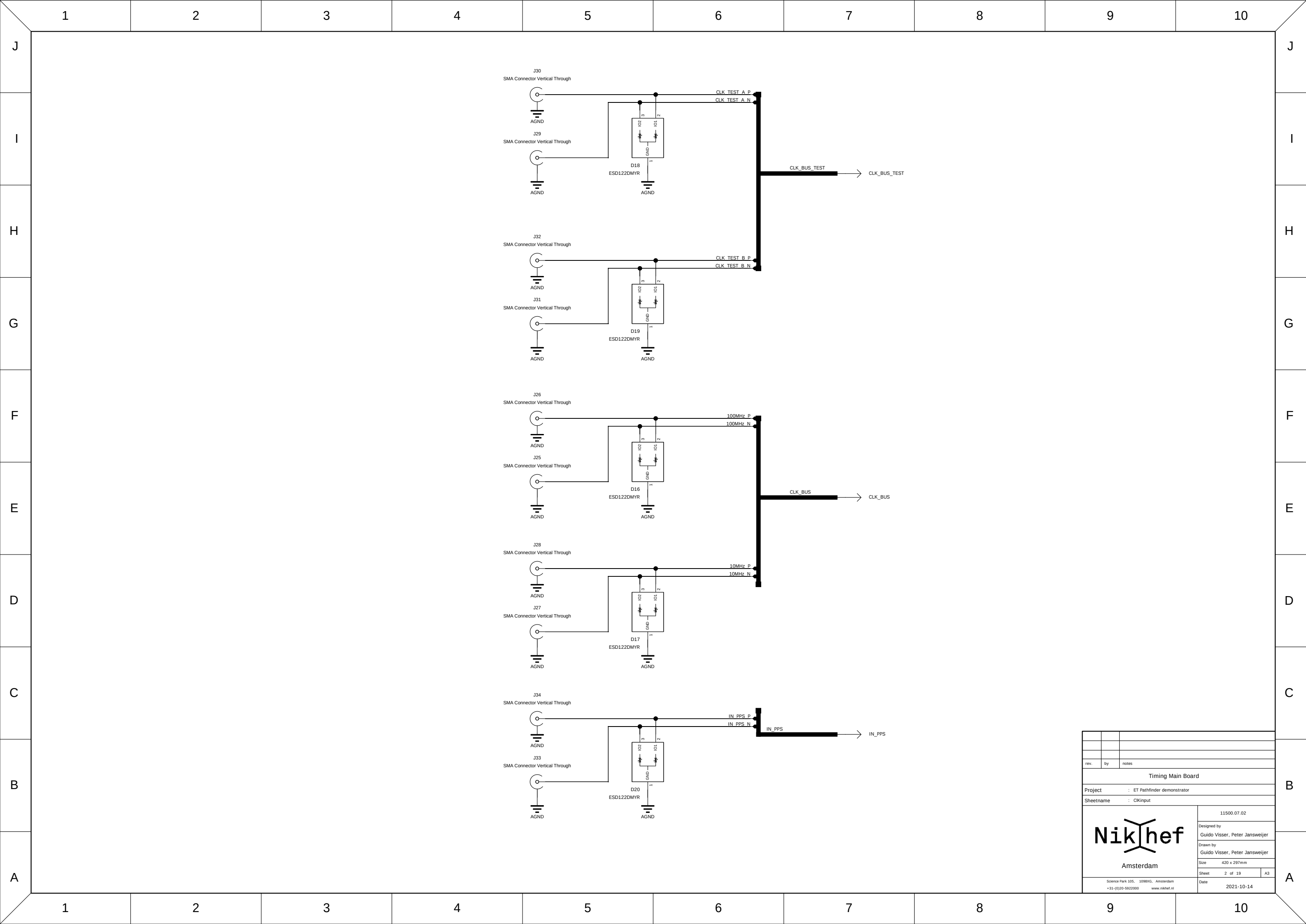




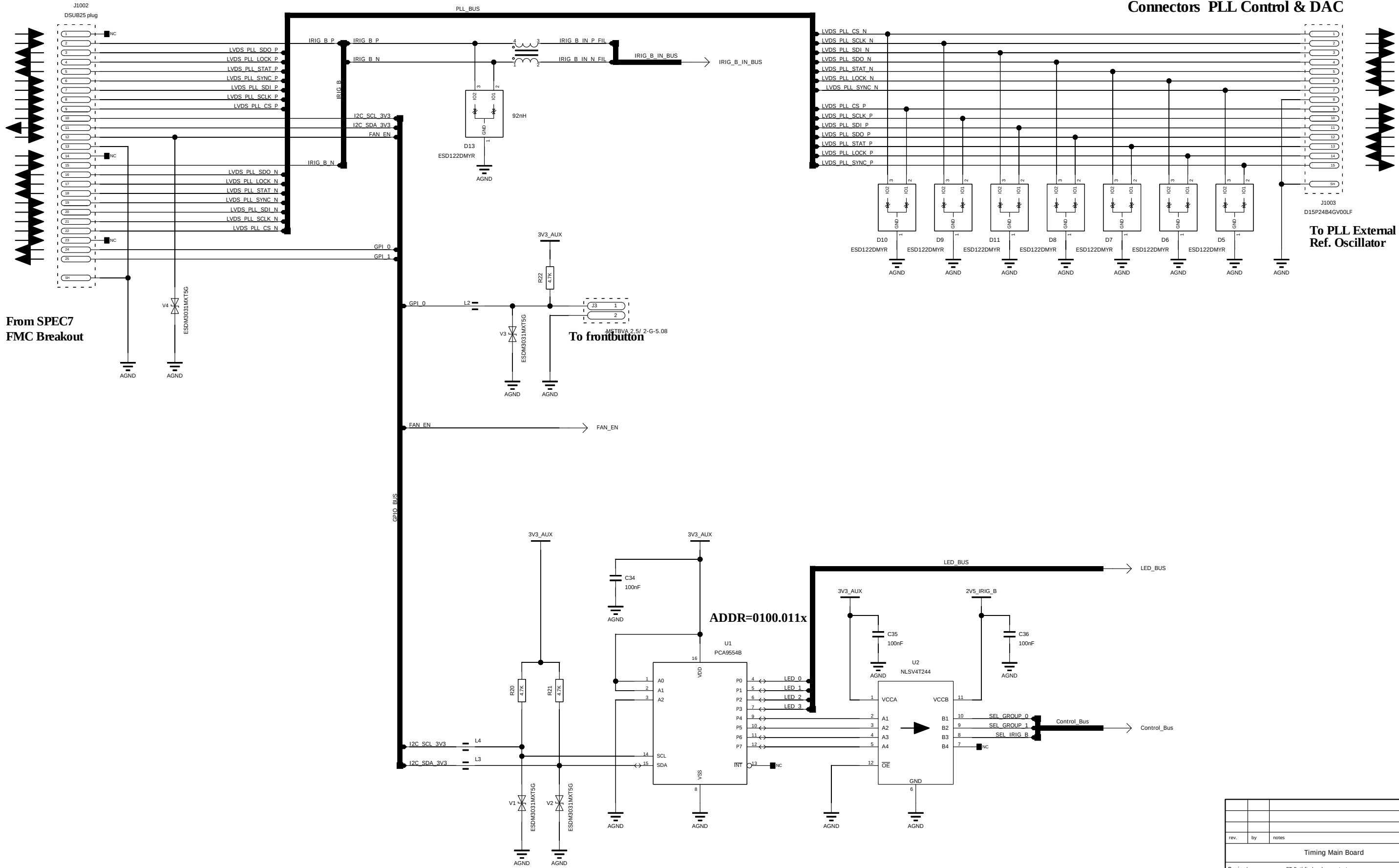
rev.	by	notes
Timing Main Board		
Project : ET Pathfinder demonstrator		
Sheetname : Schematic1_1		
Nikhef Amsterdam		11500.07.02
		Designed by Guido Visser, Peter Jansweijer
		Drawn by Guido Visser, Peter Jansweijer
		Size 420 x 297mm
		Sheet 1 of 19A3
Science Park 105, 1098XG, Amsterdam +31-(0)20-5922000 www.nikhef.nl		Date 2021-10-14



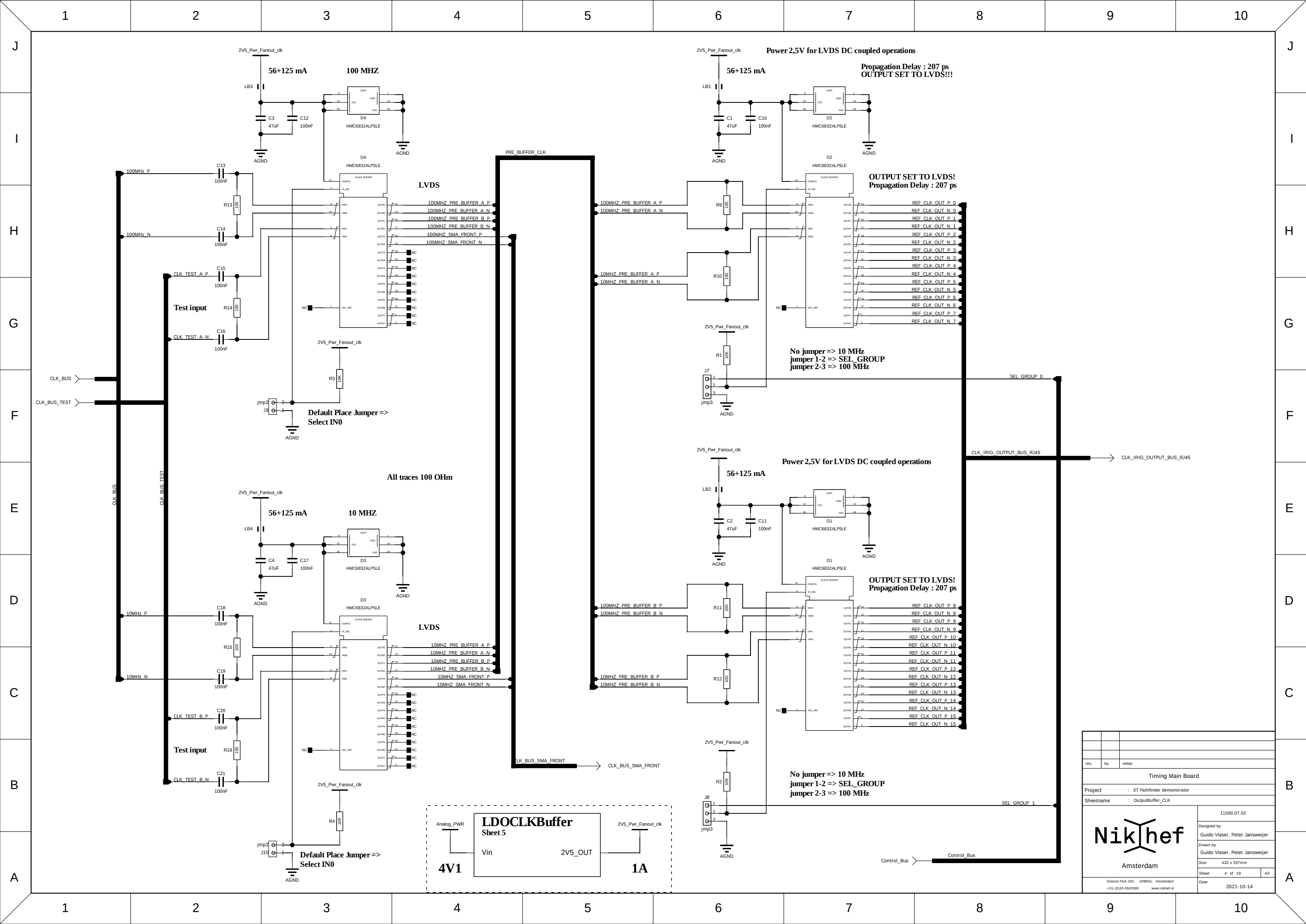
rev.	by	notes
Timing Main Board		
Project : ET Pathfinder demonstrator		
Sheetname : CLKInput		
		11500.07.02
		Designed by Guido Visser, Peter Jansweijer
		Drawn by Guido Visser, Peter Jansweijer
		Size 420 x 297mm
		Sheet 2 of 19 A3
Science Park 105, 1098XG, Amsterdam +31-(0)20-5922000 www.nikhef.nl		Date 2021-10-14

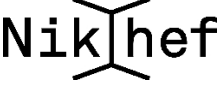
ESD protection Close to connectors

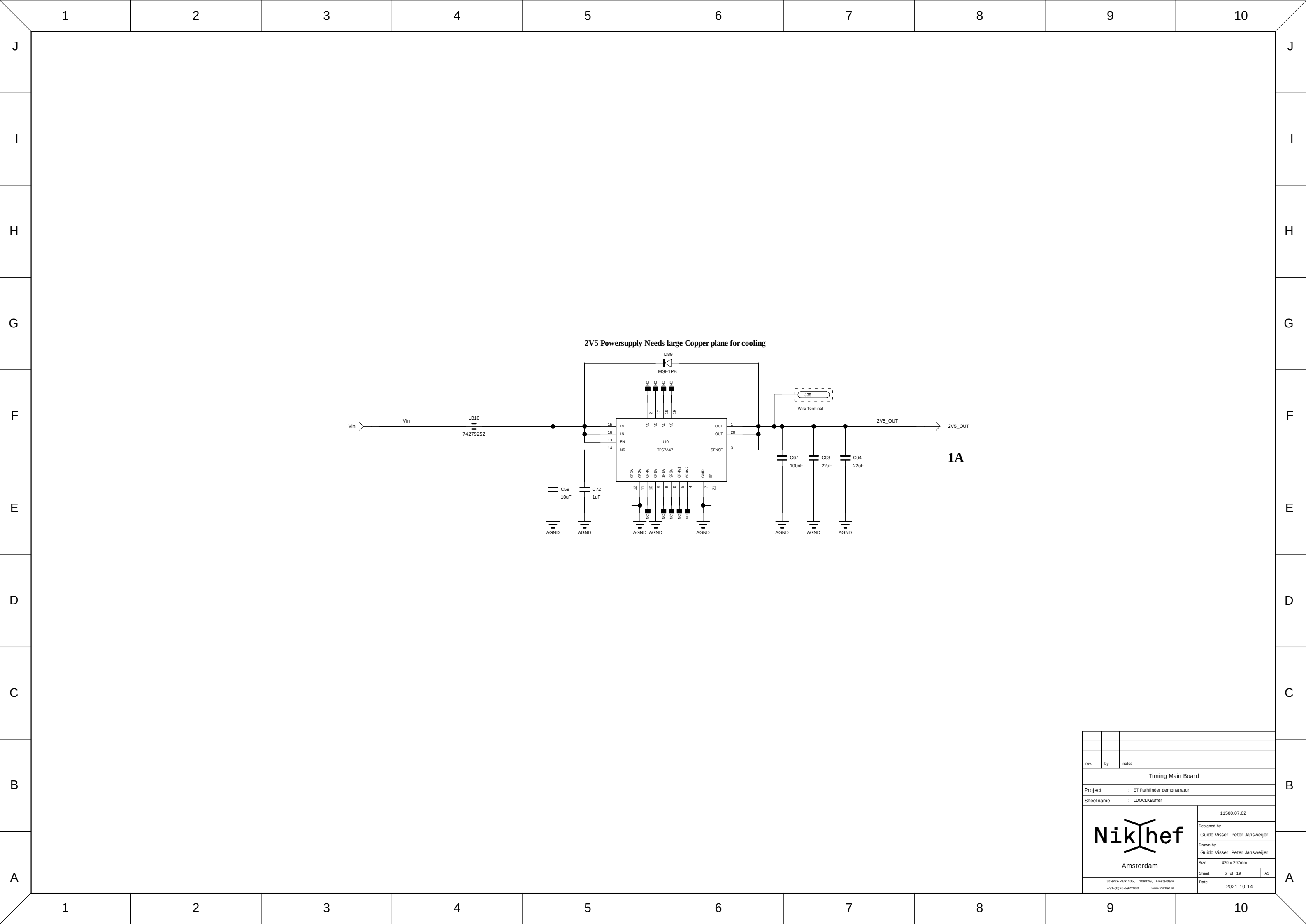
Connectors PLL Control & DAC



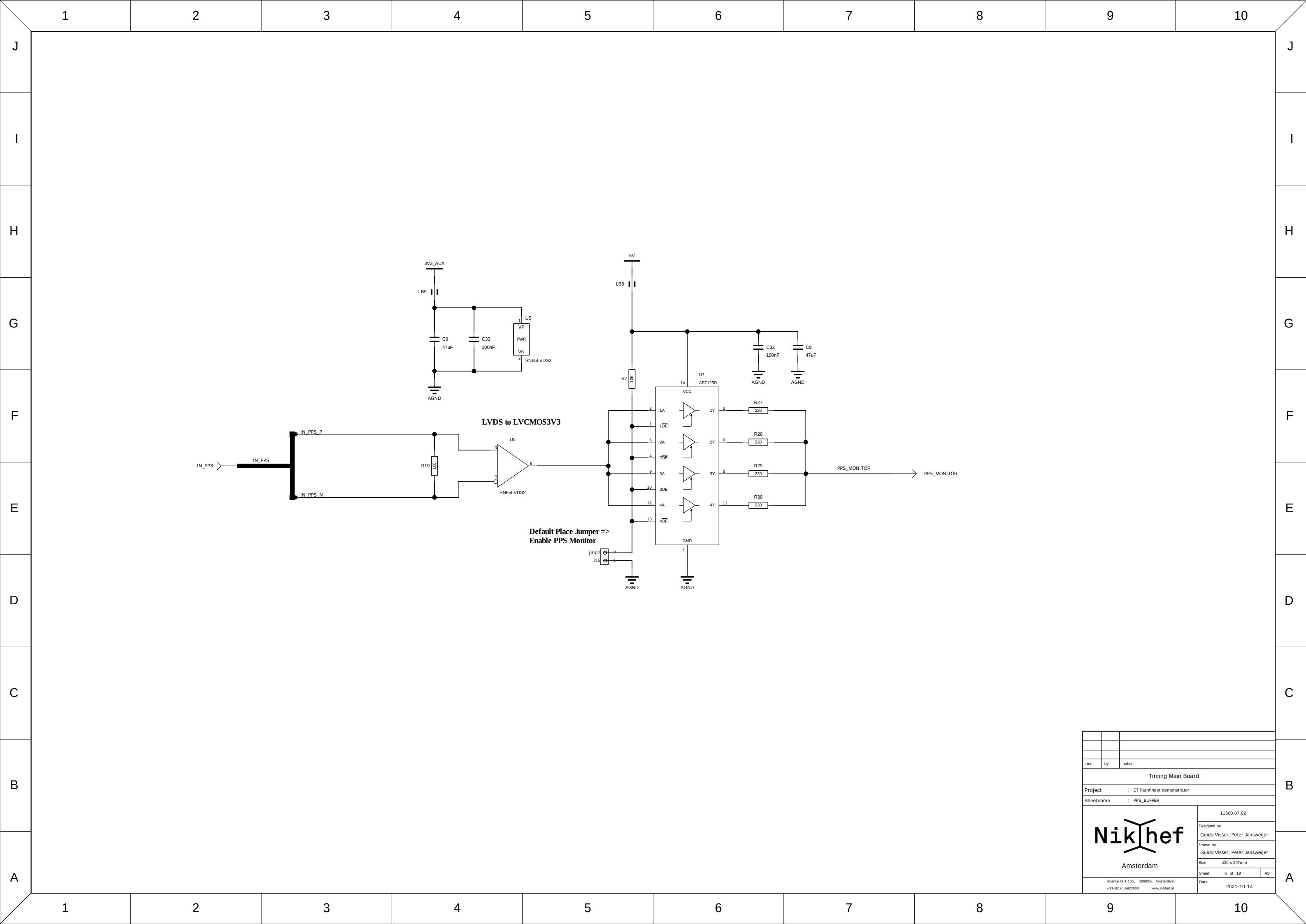
rev.	by	notes
Timing Main Board		
Project : ET Pathfinder demonstrator		
Sheetname : ControlInterconnect		
		11500.07.02
		Designed by Guido Visser, Peter Jansweijer
		Drawn by Guido Visser, Peter Jansweijer
		Size 420 x 297mm
		Sheet 3 of 19 A3
Science Park 105, 1098XG, Amsterdam +31-(0)20-5922000 www.nikhef.nl		Date 2021-10-14



rev.	by	notes
Timing Main Board		
Project	: ET Pathfinder demonstrator	
Sheetname	: OutputBuffer_CLK	
 Amsterdam		11500.07.02
		Designed by Guido Visser, Peter Jansweijer
		Drawn by Guido Visser, Peter Jansweijer
		Size 420 x 297mm
		Sheet 4 of 19 A3
Science Park 105, 1098XG, Amsterdam +31-(0)20-5922000 www.nikhef.nl		Date 2021-10-14

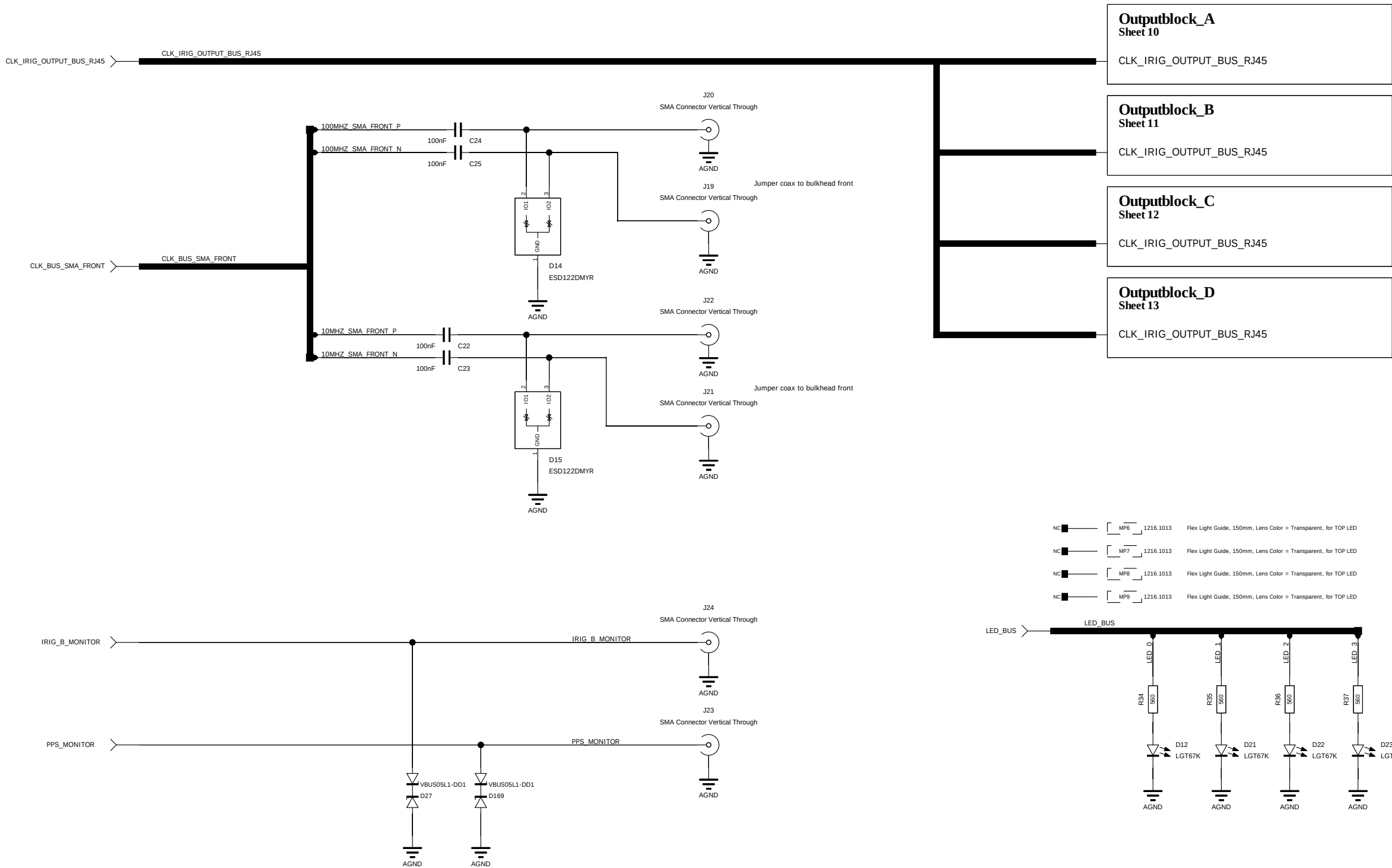


rev.	by	notes
Timing Main Board		
Project : ET Pathfinder demonstrator		
Sheetname : LDOCLKBuffer		
		11500.07.02
		Designed by Guido Visser, Peter Jansweijer
		Drawn by Guido Visser, Peter Jansweijer
		Size 420 x 297mm
		Sheet 5 of 19A3
Science Park 105, 1098XG, Amsterdam +31-(0)20-5922000 www.nikhef.nl		Date 2021-10-14



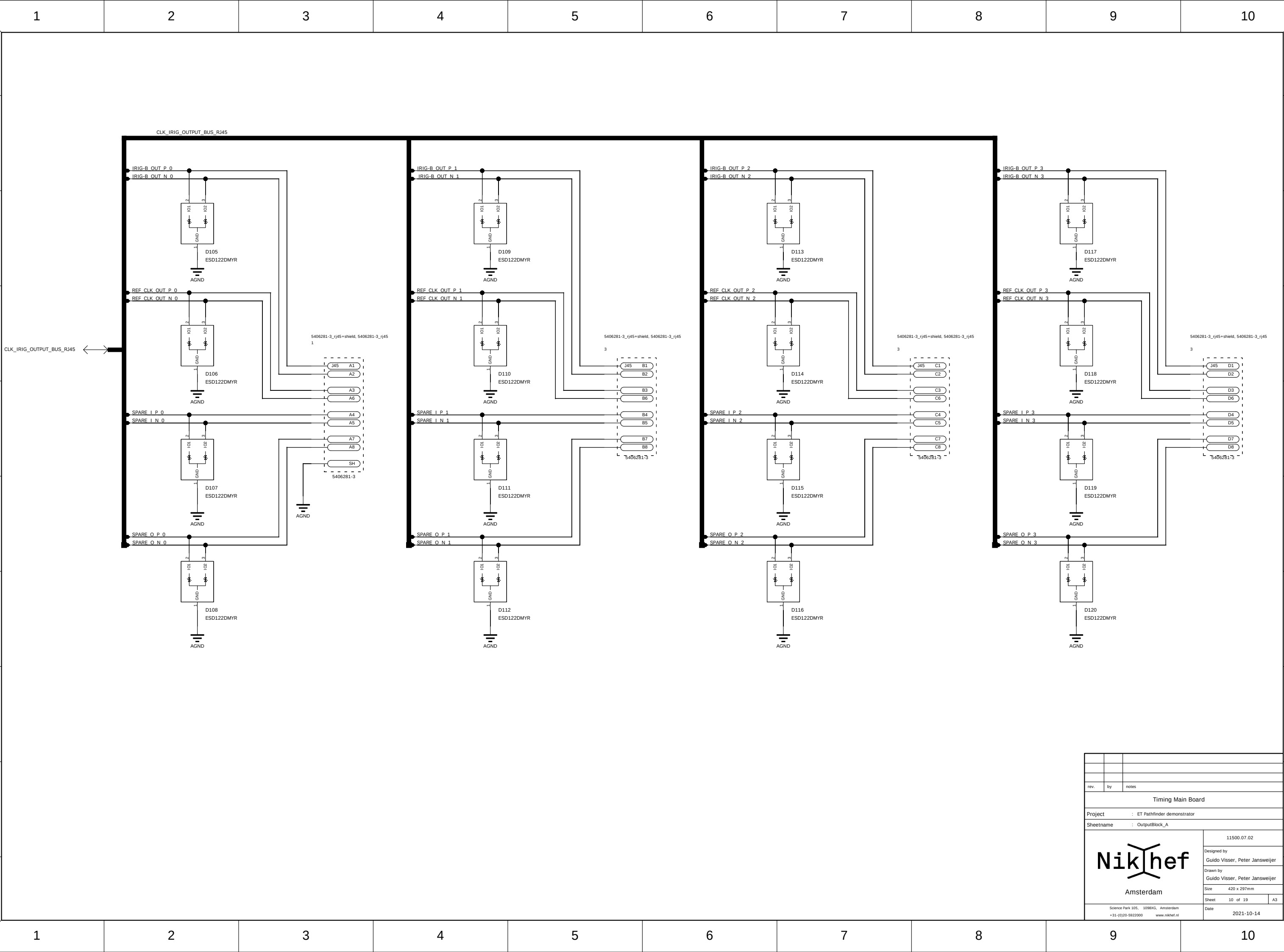


rev.	by	notes			
Timing Main Board					
Project		: ET Pathfinder demonstrator			
Sheetname		: LDOCLKBuffer			
			11500.07.02		
			Designed by		
			Guido Visser, Peter Jansweijer		
			Drawn by		
			Guido Visser, Peter Jansweijer		
Size			420 x 297mm		
Sheet		8 of 19		A3	
Date			2021-10-14		
Science Park 105, 1098XG, Amsterdam +31-(0)20-5922000 www.nikhef.nl					

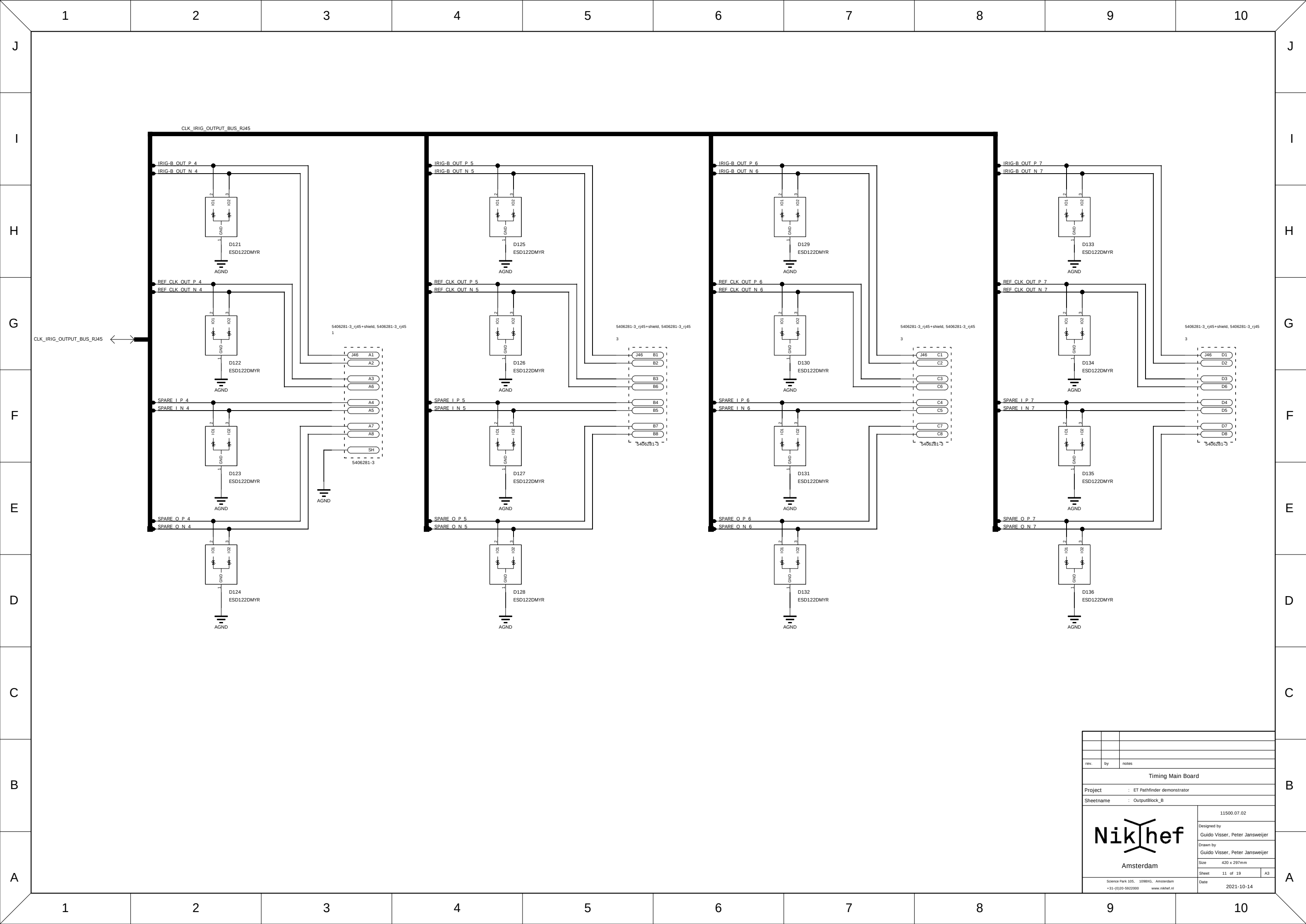


- NC MP6 1216.1013 Flex Light Guide, 150mm, Lens Color = Transparent, for TOP LED
- NC MP7 1216.1013 Flex Light Guide, 150mm, Lens Color = Transparent, for TOP LED
- NC MP8 1216.1013 Flex Light Guide, 150mm, Lens Color = Transparent, for TOP LED
- NC MP9 1216.1013 Flex Light Guide, 150mm, Lens Color = Transparent, for TOP LED

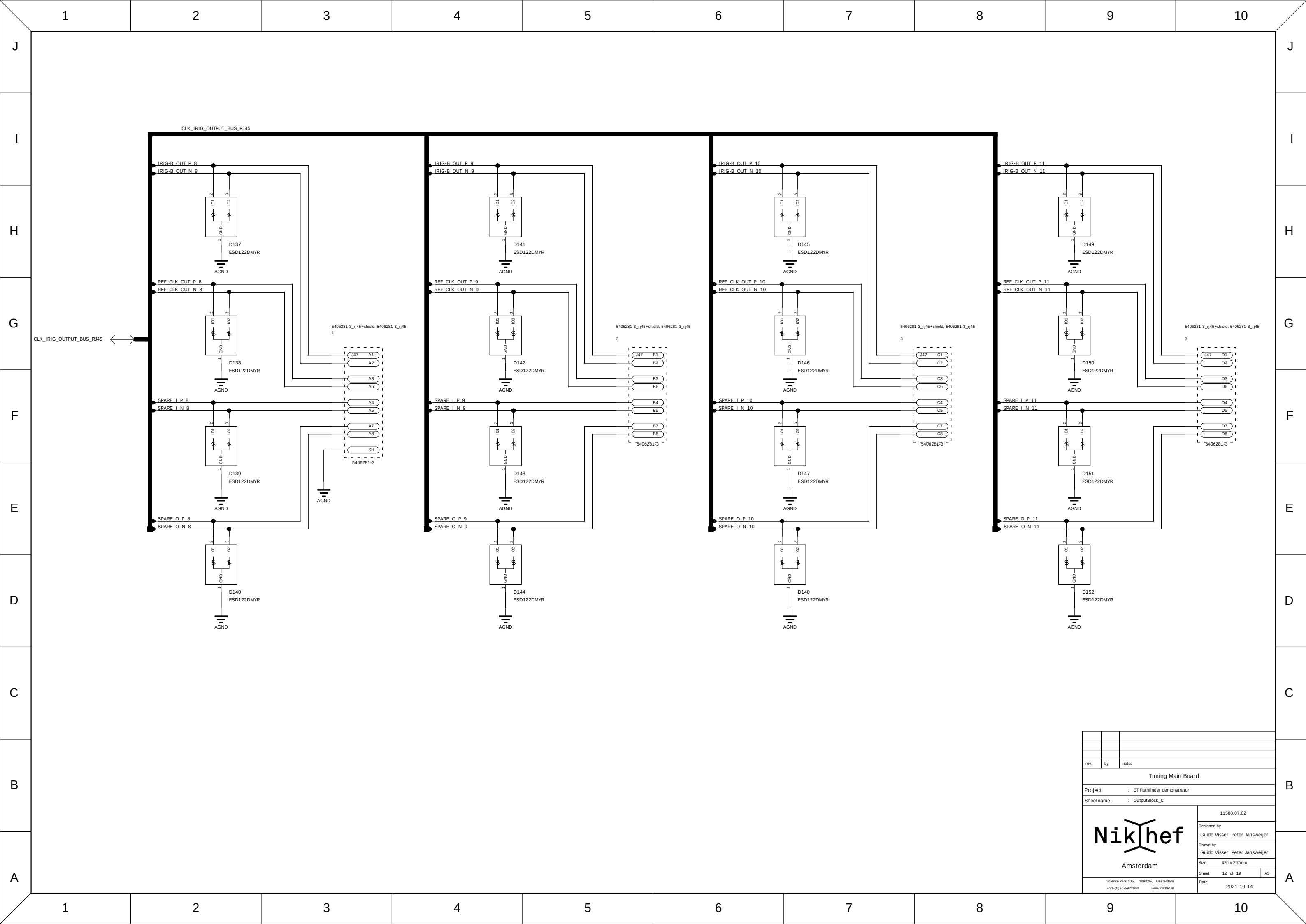
rev.	by	notes
Timing Main Board		
Project	: ET Pathfinder demonstrator	
Sheetname	: FrontIO	
		11500.07.02
		Designed by Guido Visser, Peter Jansweijer
		Drawn by Guido Visser, Peter Jansweijer
		Size 420 x 297mm
		Sheet 9 of 19 A3
Science Park 105, 1098XG, Amsterdam +31-(0)20-5922000 www.nikhef.nl		Date 2021-10-14

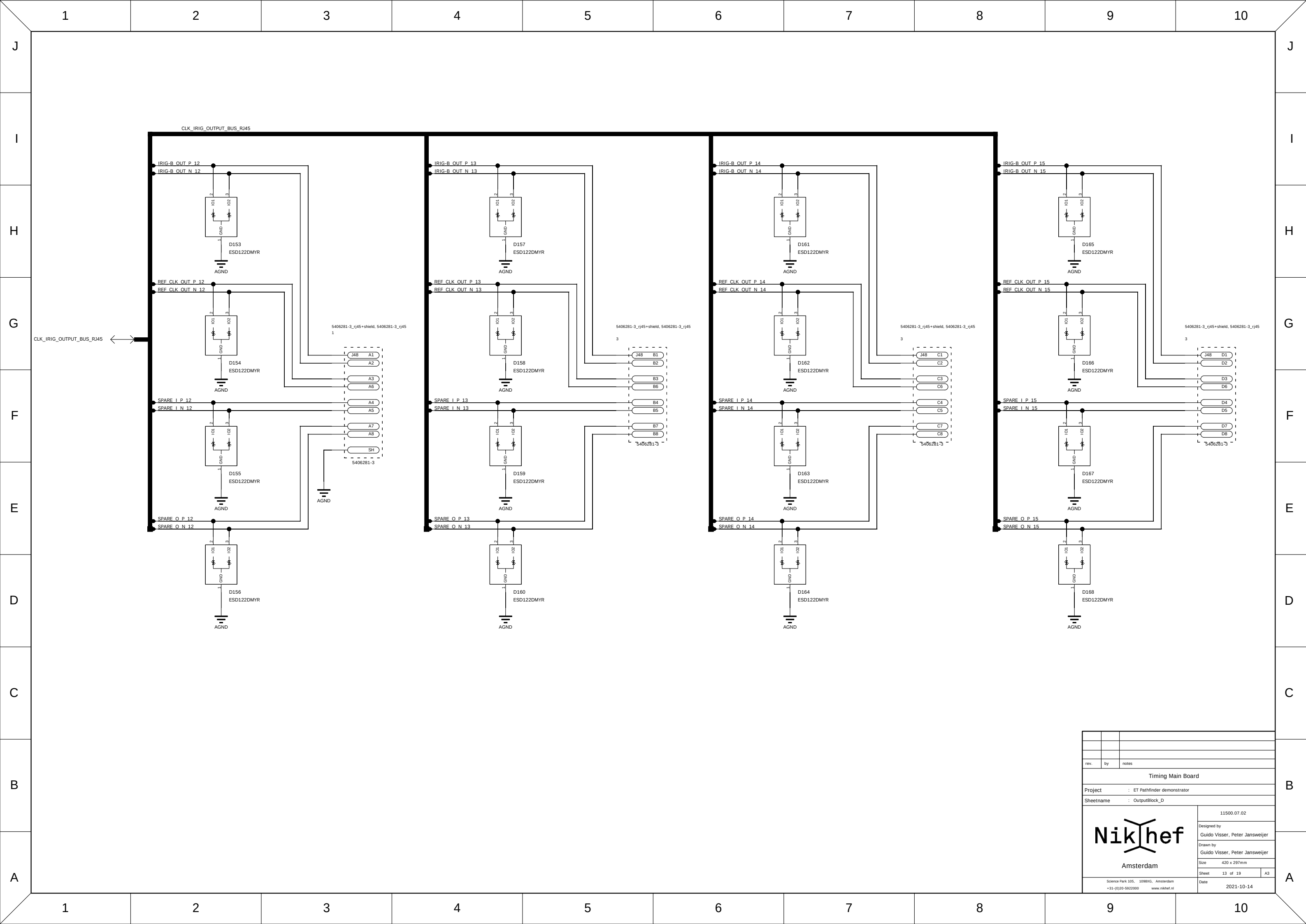


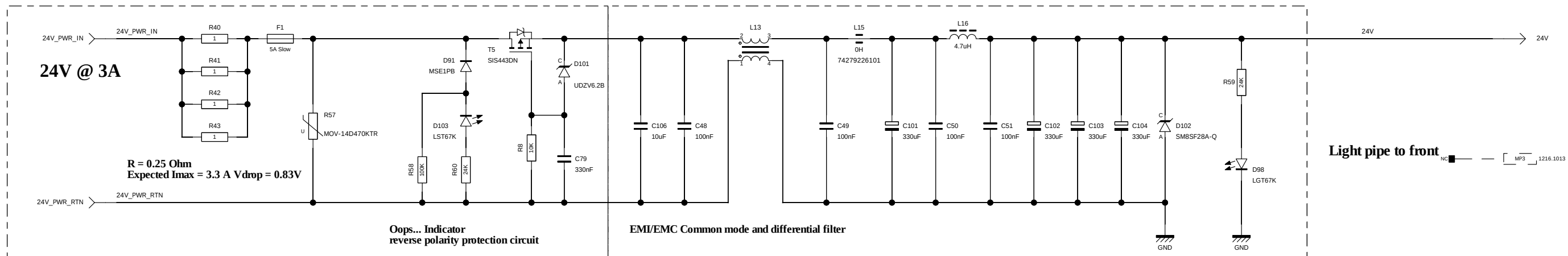
rev.	by	notes
Timing Main Board		
Project : ET Pathfinder demonstrator		
Sheetname : OutputBlock_A		
		11500.07.02
		Designed by Guido Visser, Peter Jansweijer
		Drawn by Guido Visser, Peter Jansweijer
		Size 420 x 297mm
		Sheet 10 of 19 A3
Science Park 105, 1098XG, Amsterdam +31-(0)20-5922000 www.nikhef.nl		Date 2021-10-14

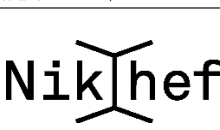


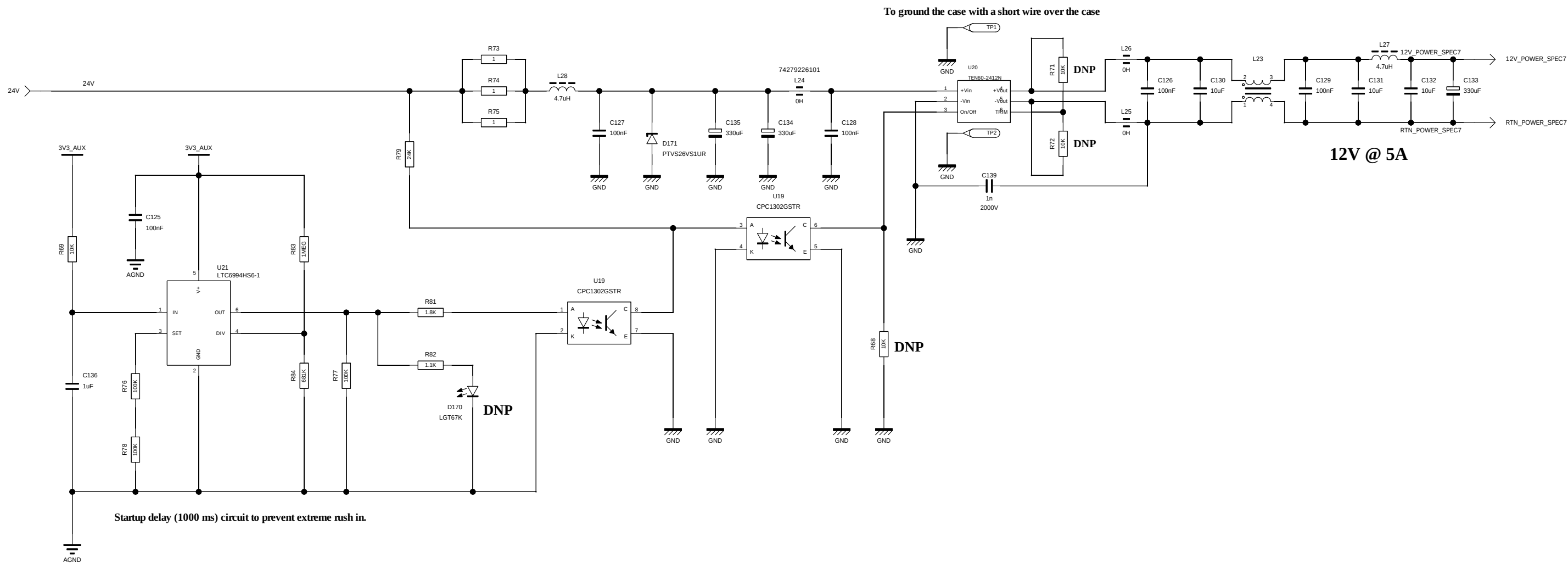
rev.	by	notes
Timing Main Board		
Project : ET Pathfinder demonstrator		
Sheetname : OutputBlock_B		
		11500.07.02
		Designed by Guido Visser, Peter Jansweijer
		Drawn by Guido Visser, Peter Jansweijer
		Size 420 x 297mm
		Sheet 11 of 19 A3
Science Park 105, 1098XG, Amsterdam +31-(0)20-5922000 www.nikhef.nl		Date 2021-10-14



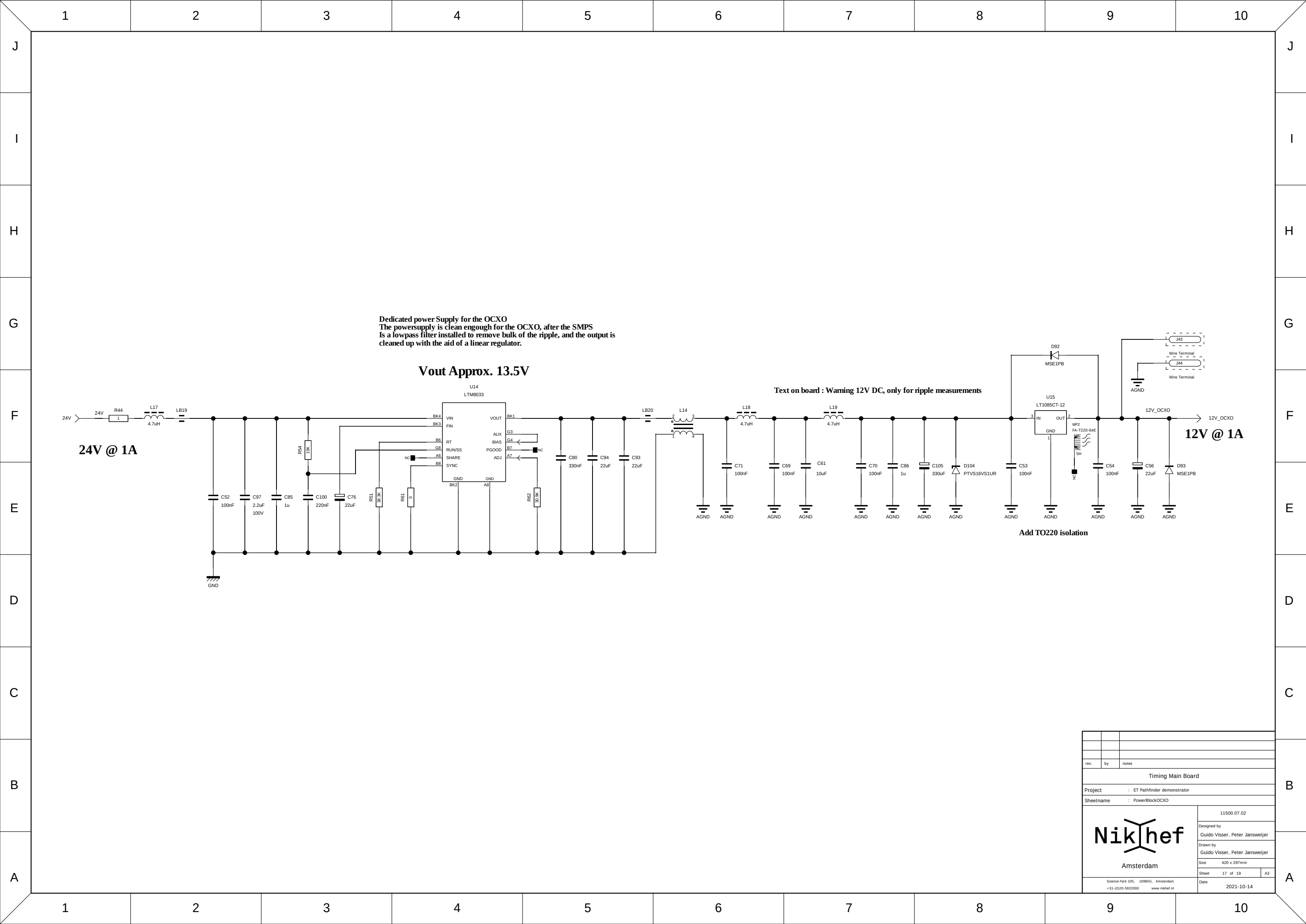




rev.	by	notes	
Timing Main Board			
Project	ET Pathfinder demonstrator		
Sheetname	InputFilter		
		11500.07.02	
		Designed by Guido Visser, Peter Jansweijer	
		Drawn by Guido Visser, Peter Jansweijer	
		Size 420 x 297mm	
		Sheet 15 of 19	A3
Science Park 105, 1098GX, Amsterdam +31-(0)20-5922000 www.nikhef.nl		Date 2021-10-14	



rev.	by	notes
Timing Main Board		
Project : ET Pathfinder demonstrator		
Sheetname : 24Vto12V		
		11500.07.02
		Designed by Guido Visser, Peter Jansweijer
		Drawn by Guido Visser, Peter Jansweijer
		Size 420 x 297mm
		Sheet 16 of 19 A3
Science Park 105, 1098XG, Amsterdam +31-(0)20-5922000 www.nikhef.nl		Date 2021-10-14



rev.	by	notes
Timing Main Board		
Project : ET Pathfinder demonstrator		
Sheetname : PowerBlockOCXO		
		11500.07.02
		Designed by Guido Visser, Peter Jansweijer
		Drawn by Guido Visser, Peter Jansweijer
		Size 420 x 297mm
		Sheet 17 of 19 A3
Science Park 105, 1098XG, Amsterdam +31-(0)20-5922000 www.nikhef.nl		Date 2021-10-14

