

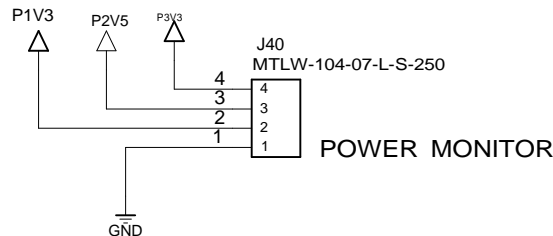
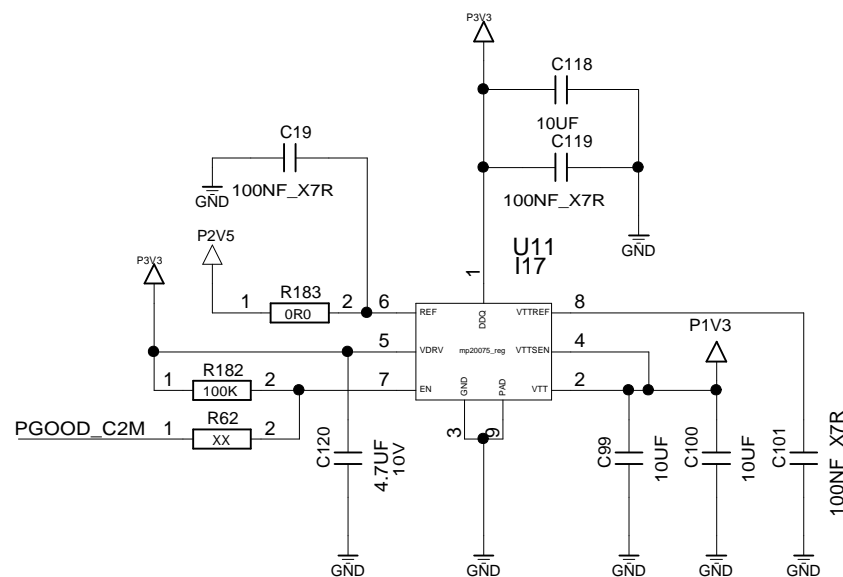
USE 2V5 OR VADJ FOR TRANSLATORS?

FOR NOW PLACE A JUMPER+TP TO ALLOW
CONNECTING VADJ TO P2V5 OR USING
EXTERNAL WIRE

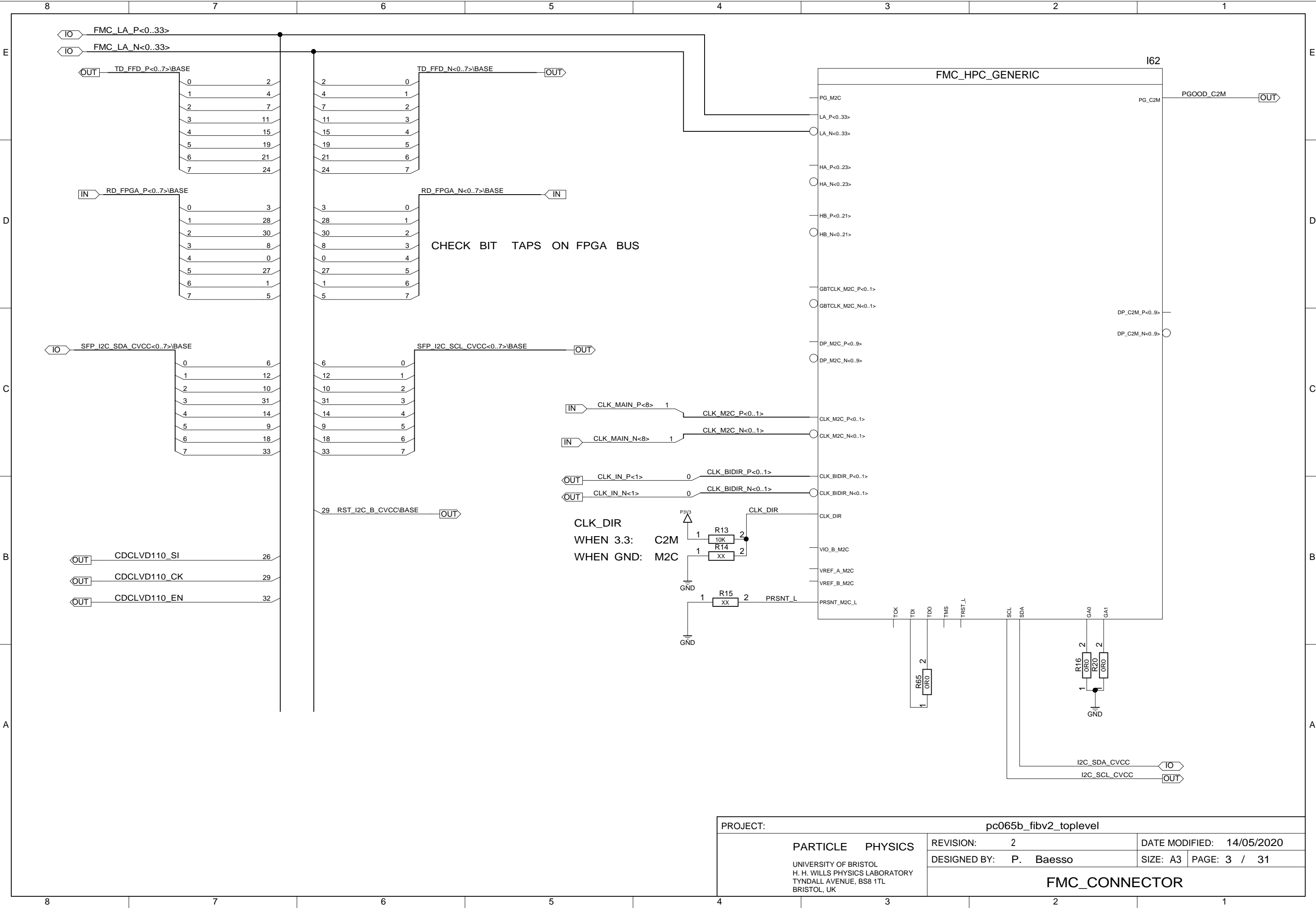


MAX CURRENTS PER RAILS

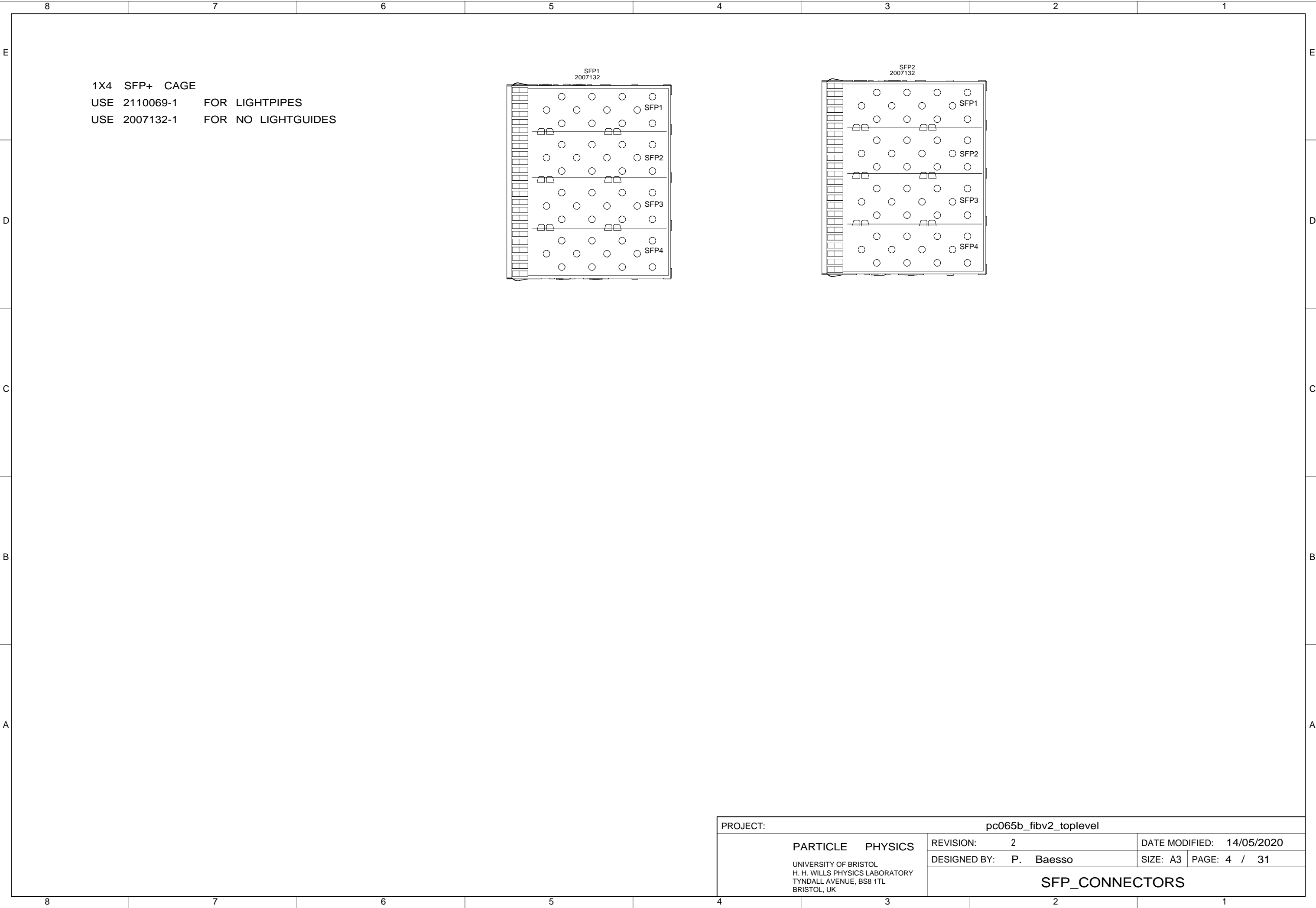
P3V3: 3 A
P12V: 1A
VADJ: 4 A

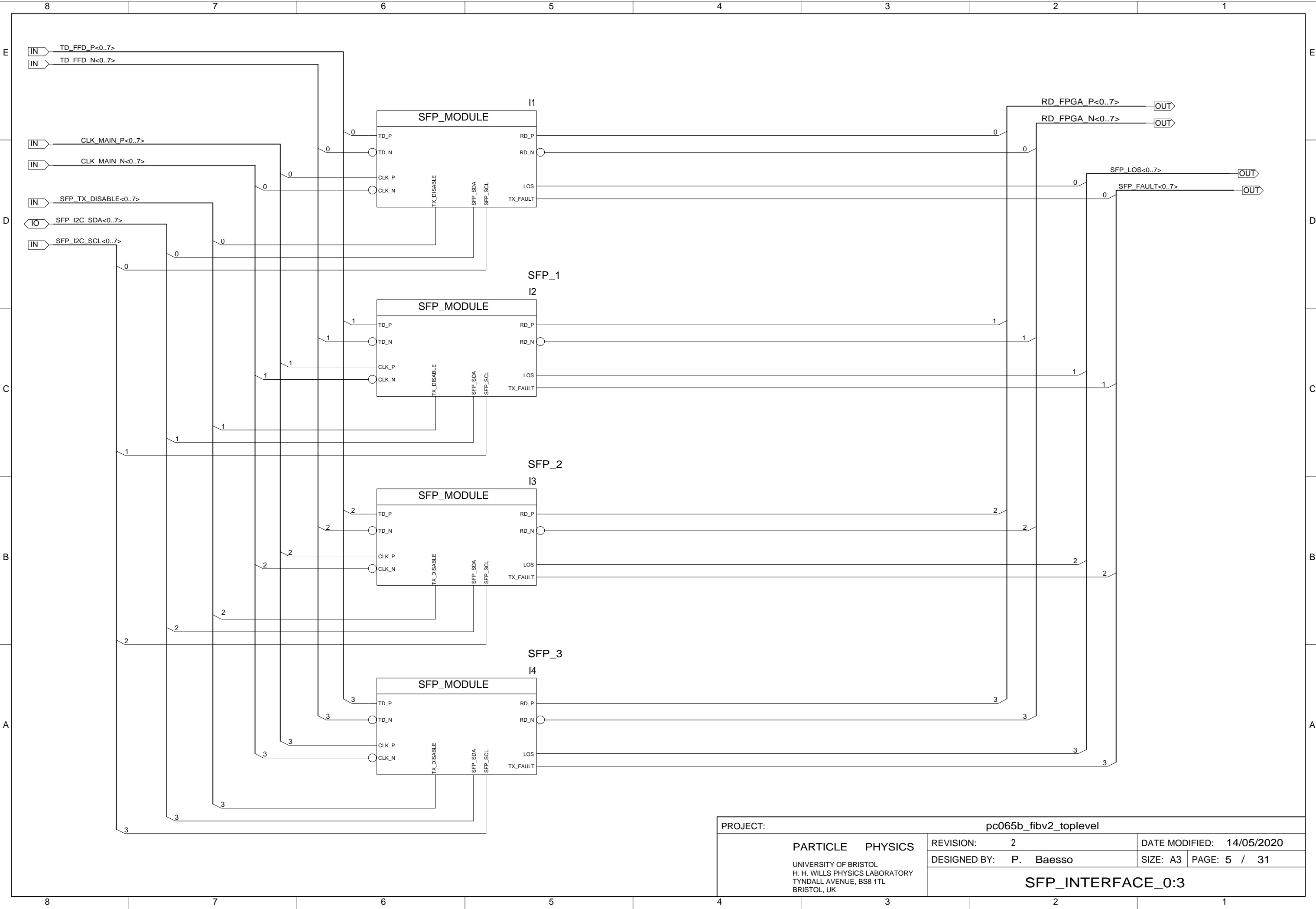


PROJECT:		pc065b_fibv2_toplevel		
PARTICLE PHYSICS UNIVERSITY OF BRISTOL H. H. WILLS PHYSICS LABORATORY TYNDALL AVENUE, BS8 1TL BRISTOL, UK	REVISION:	2	DATE MODIFIED: 14/05/2020	
	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 2 / 31
	POWER			

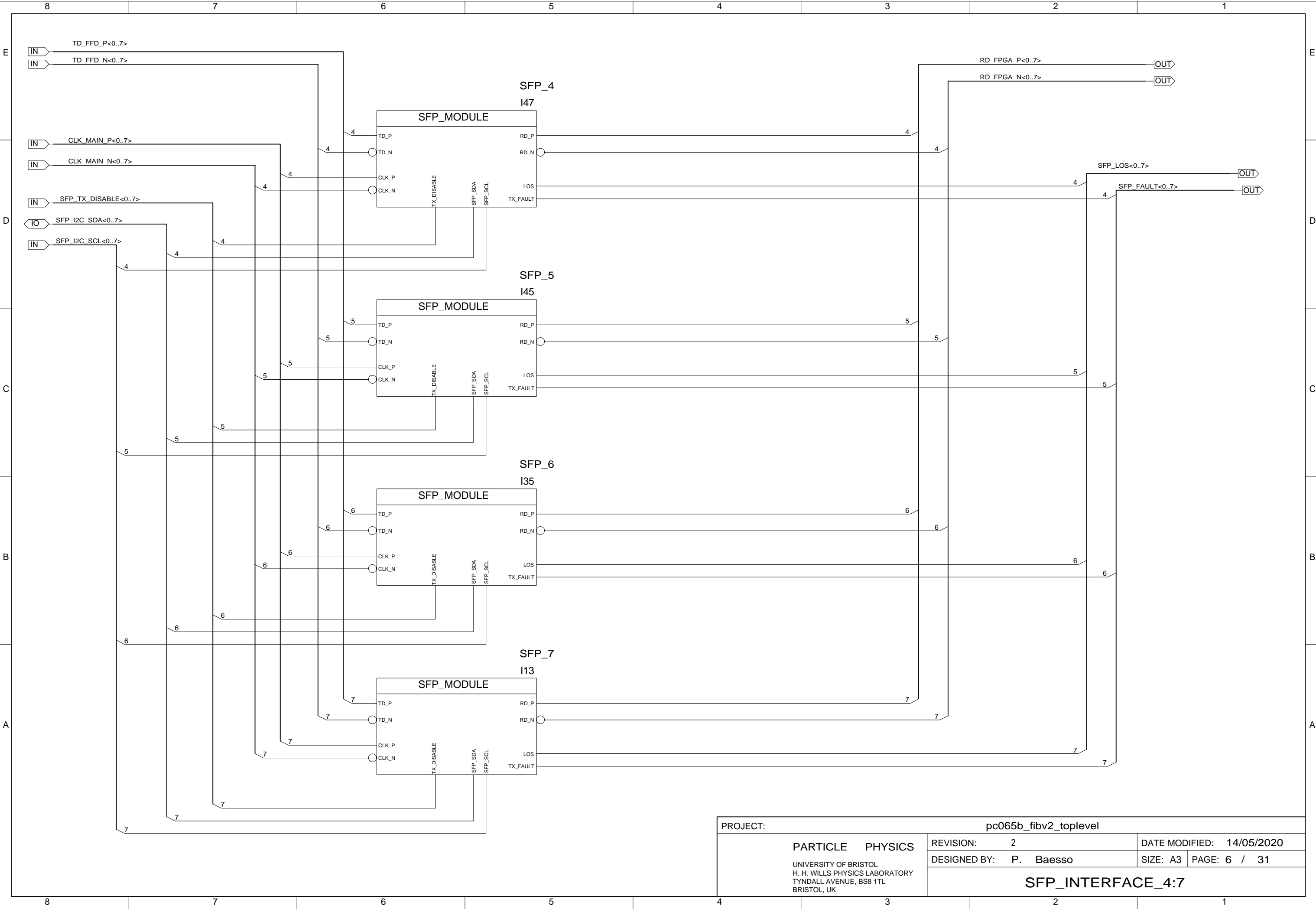


PROJECT:		pc065b_fibv2_toplevel		
PARTICLE PHYSICS UNIVERSITY OF BRISTOL H. H. WILLS PHYSICS LABORATORY TYNDALL AVENUE, BS8 1TL BRISTOL, UK	REVISION:	2	DATE MODIFIED: 14/05/2020	
	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 3 / 31
	FMC_CONNECTOR			

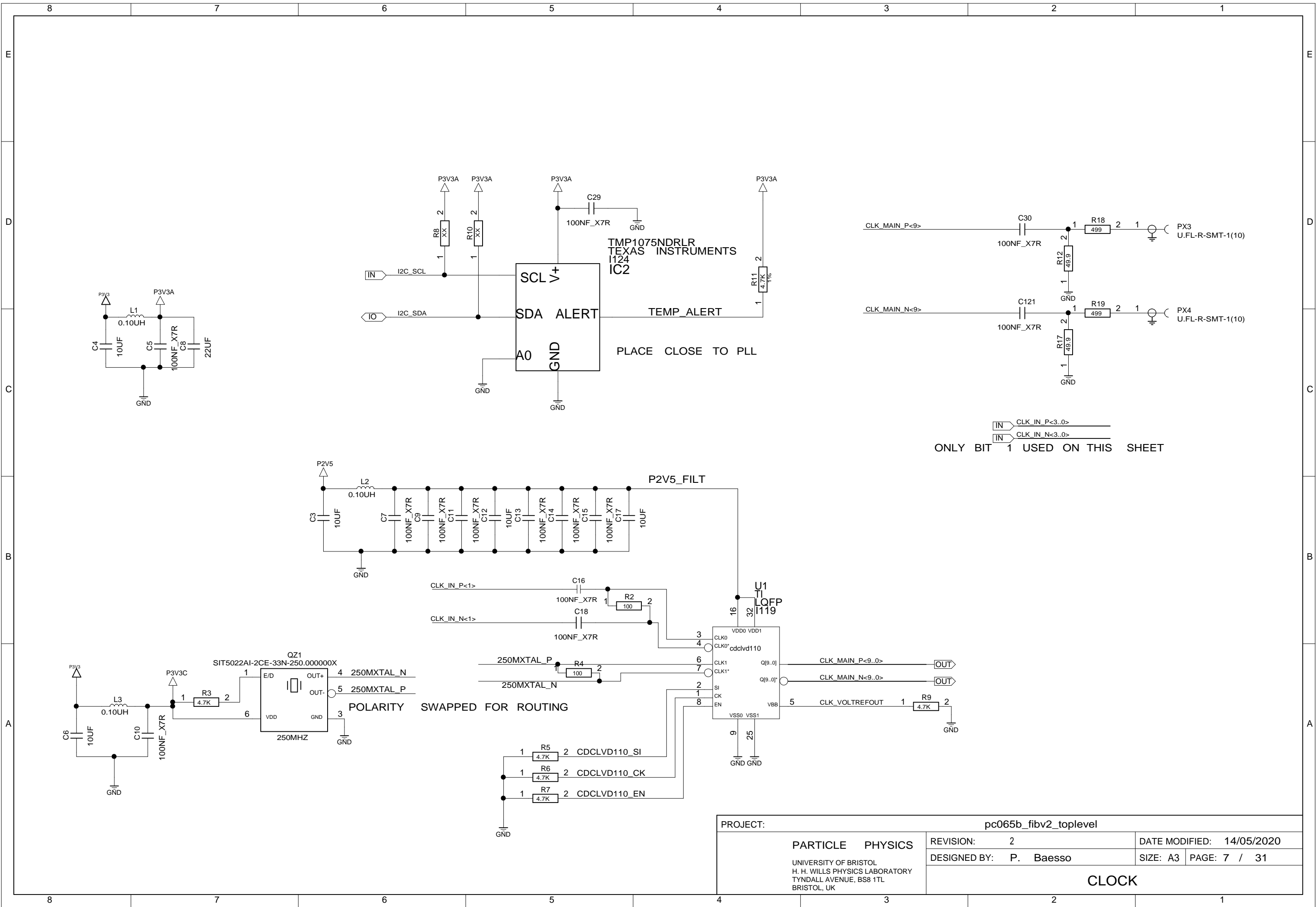


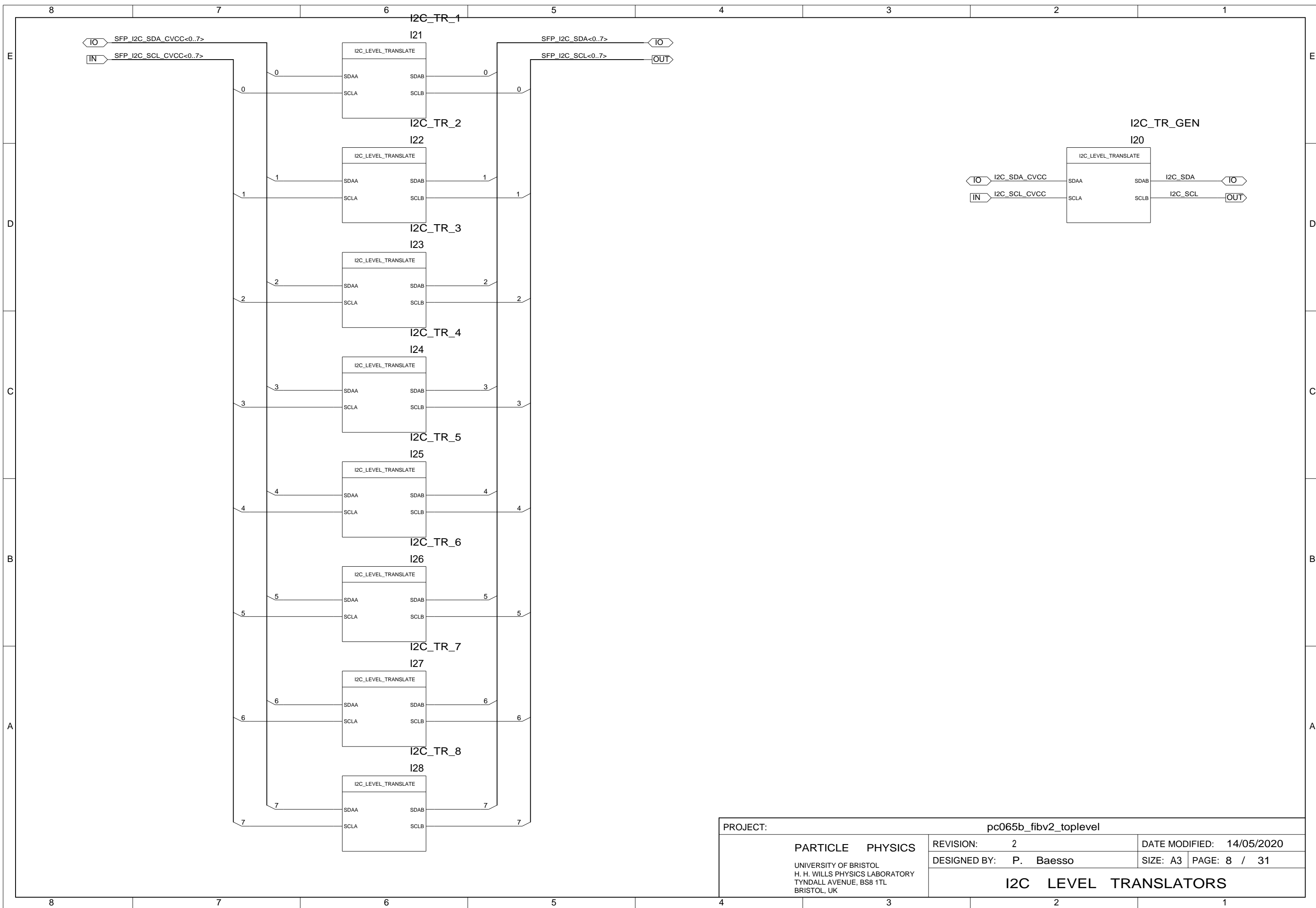


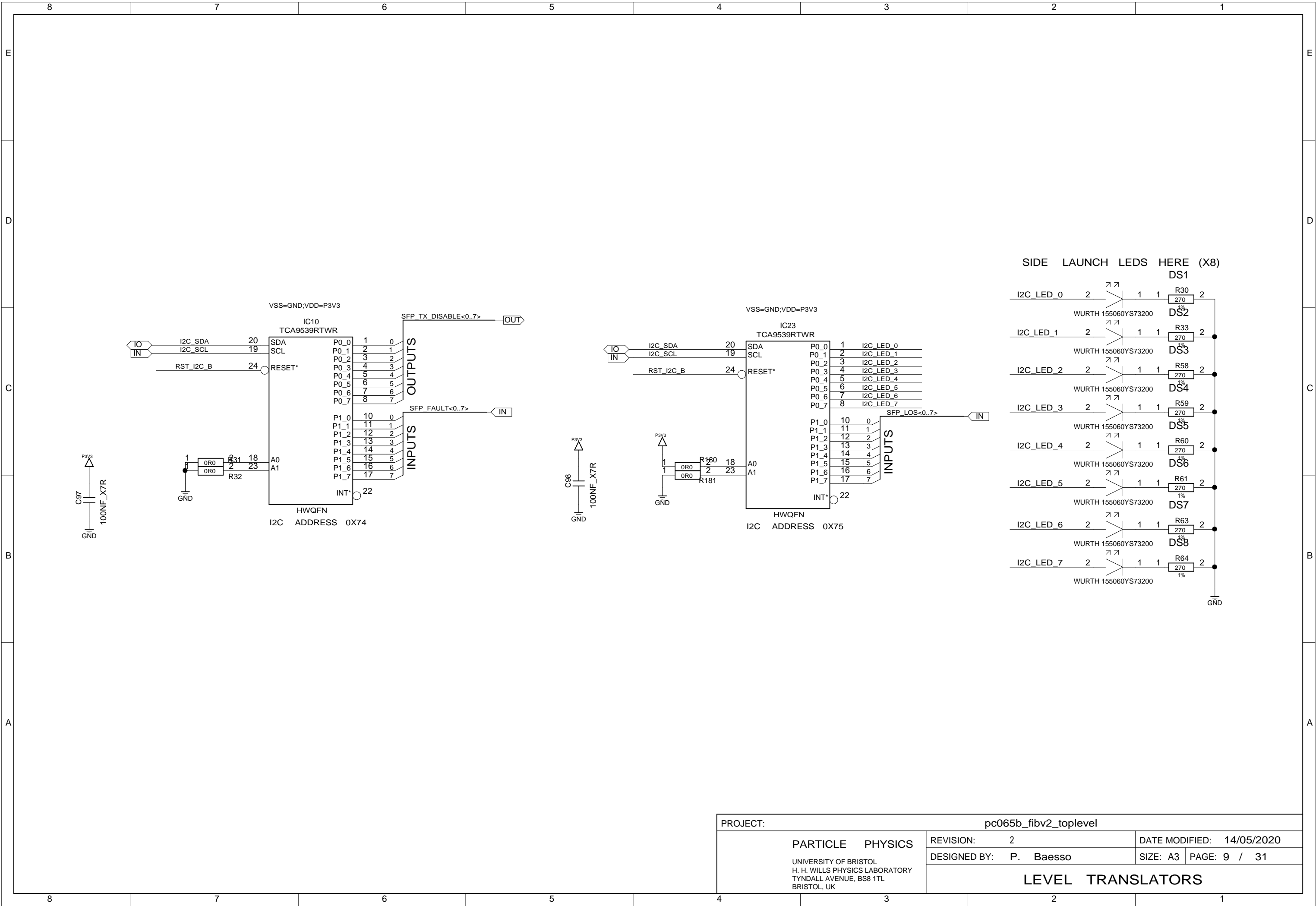
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	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 5 / 31
	SFP_INTERFACE_0:3			



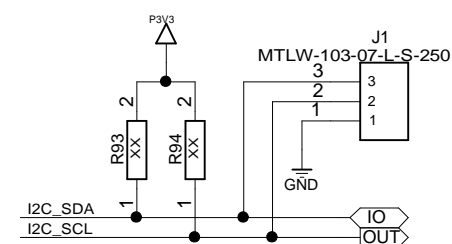
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PARTICLE PHYSICS UNIVERSITY OF BRISTOL H. H. WILLS PHYSICS LABORATORY TYNDALL AVENUE, BS8 1TL BRISTOL, UK	REVISION:	2	DATE MODIFIED: 14/05/2020	
	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 6 / 31
	SFP_INTERFACE_4:7			







PROJECT:		pc065b_fibv2_toplevel		
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	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 9 / 31
	LEVEL TRANSLATORS			



PROJECT:		pc065b_fibv2_toplevel			
PARTICLE PHYSICS UNIVERSITY OF BRISTOL H. H. WILLS PHYSICS LABORATORY TYNDALL AVENUE, BS8 1TL BRISTOL, UK	REVISION:	2	DATE MODIFIED: 14/05/2020		
	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 10 / 31	
	CONNECTORS				

8 7 6 5 4 3 2 1

E

D

C

B

A

8 7 6 5 4 3 2 1

NBSG53AMNG IS AT END OF LIFE. DO NOT USE
ALTERNATIVES:
NB7V52MMNG
SY55852U
MAX9381EUA+

ADN2814ACPZ IS NO LONGER AVAILABLE

IC1
24AA025E48T-I/SN
SOIC
A0
A1
A2
SCL
SDA
VCC
VSS
5 I2C_SDA
IO
6 I2C_SCL
IN
P3V3
GND
C112
100NF_X7R

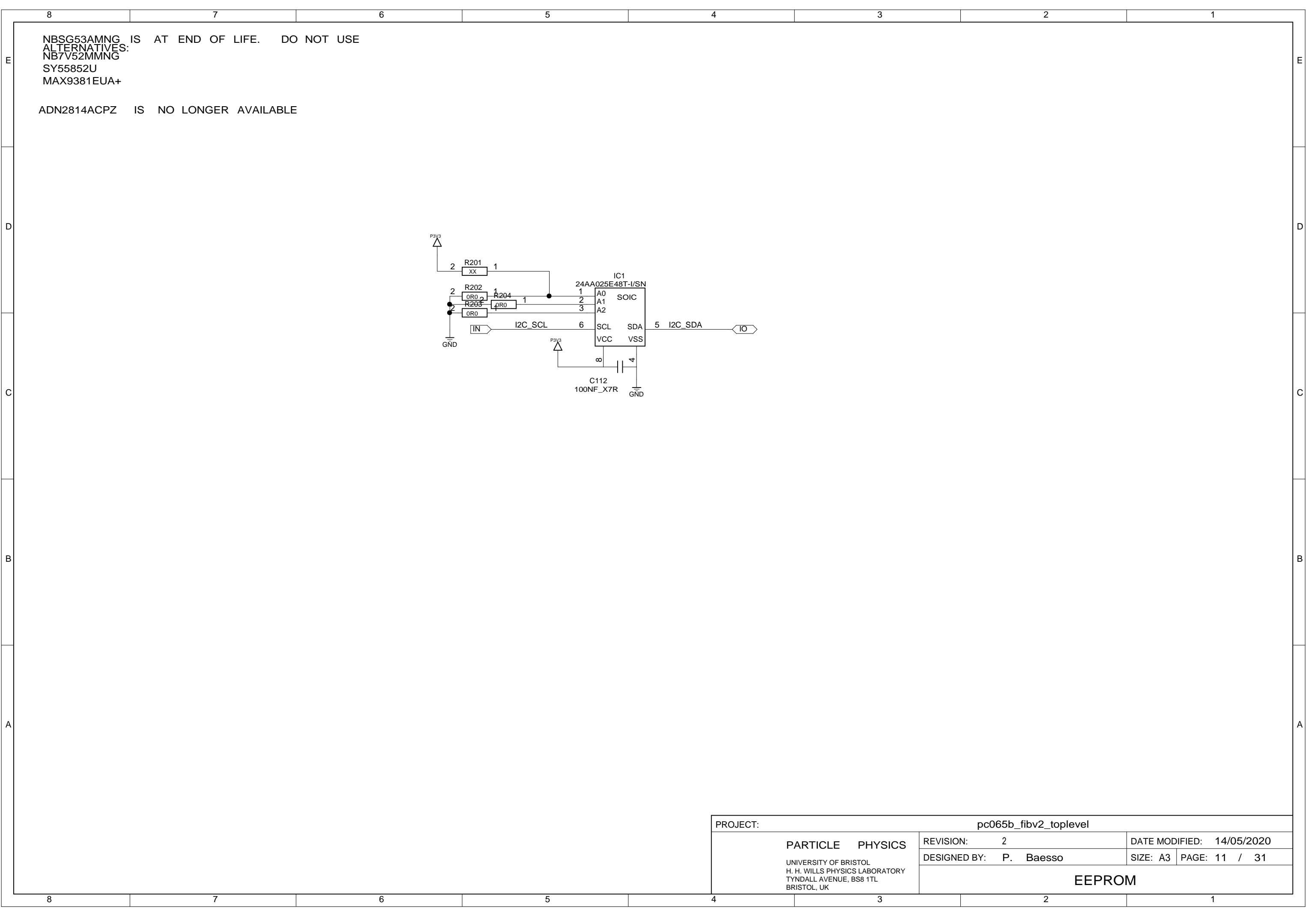
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	DESIGNED BY:	P. Baesso	SIZE: A3 PAGE: 11 / 31
	EEPROM		

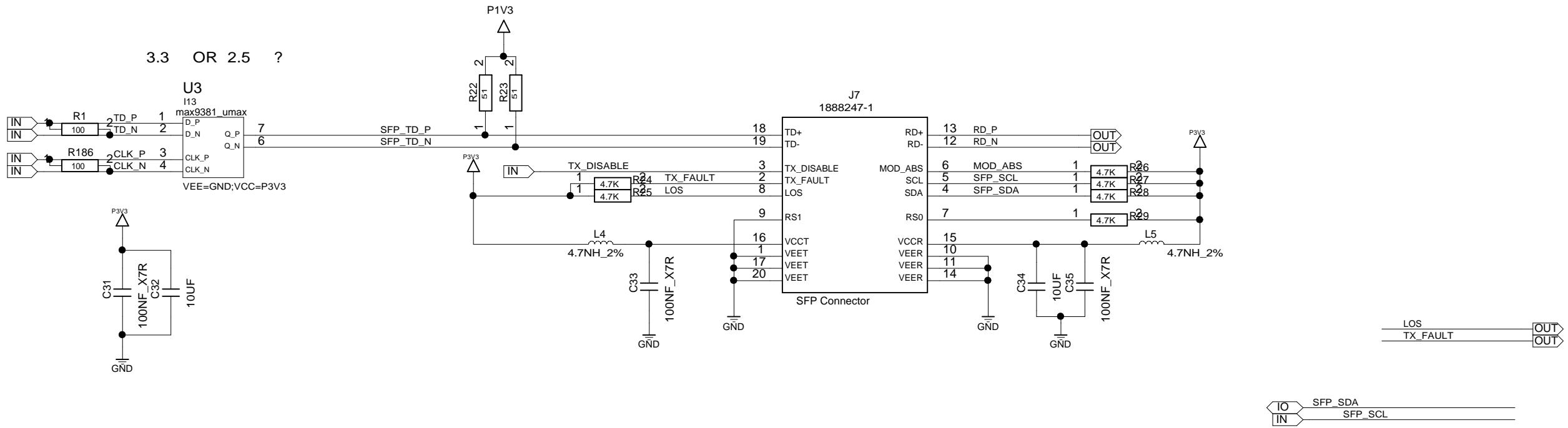
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NBSG53AMNG IS AT END OF LIFE. DO NOT USE
ALTERNATIVES:
NB7V52MMNG
SY55852U
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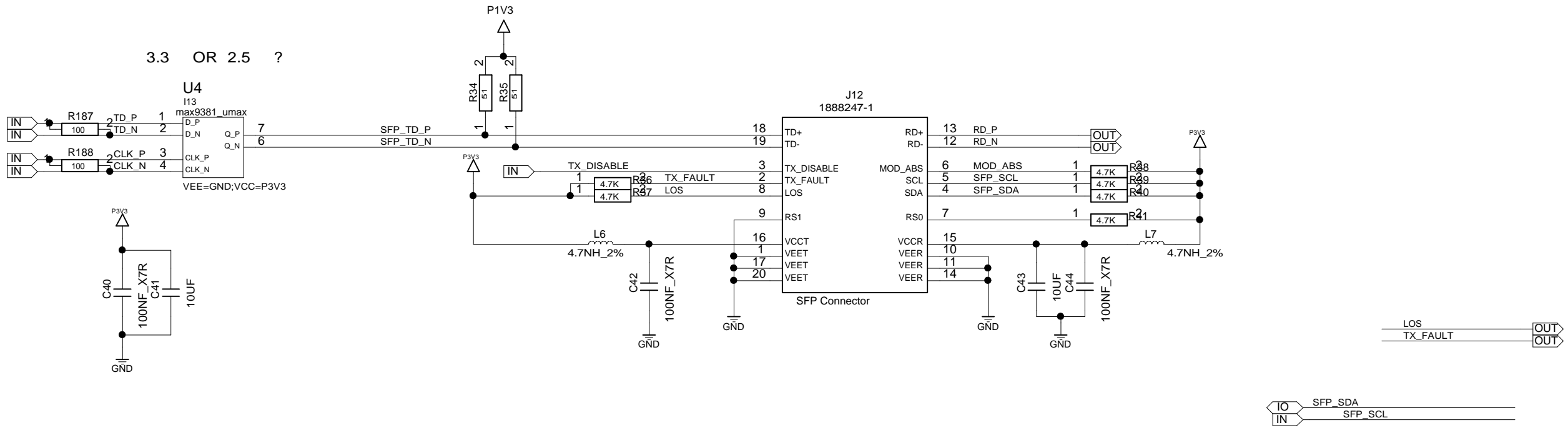
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	DESIGNED BY:	P. Baesso	SIZE: A3 PAGE: 11 / 31
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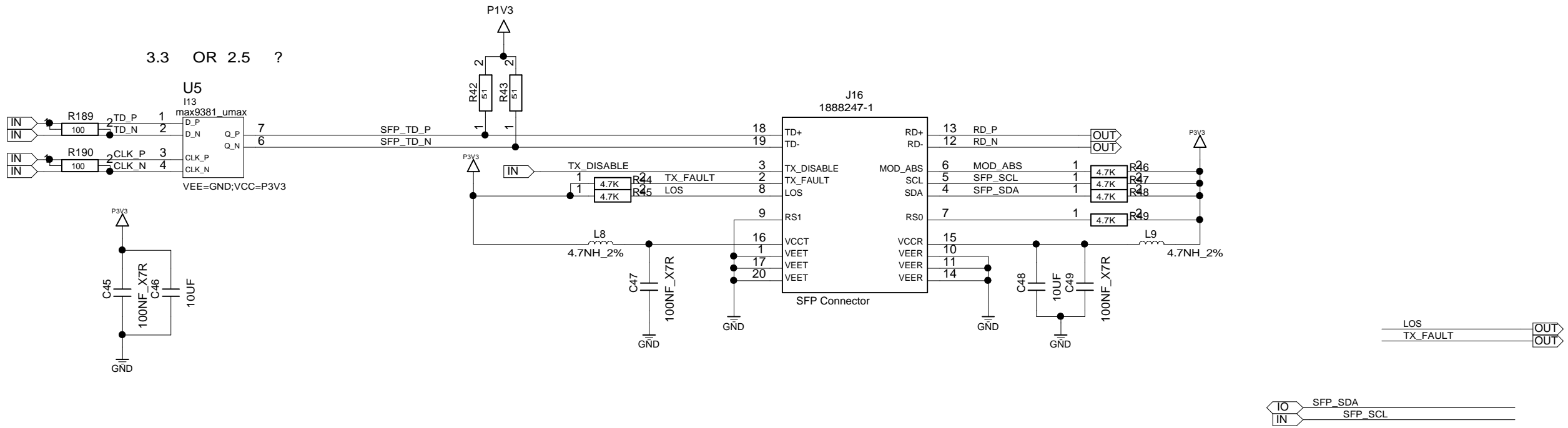
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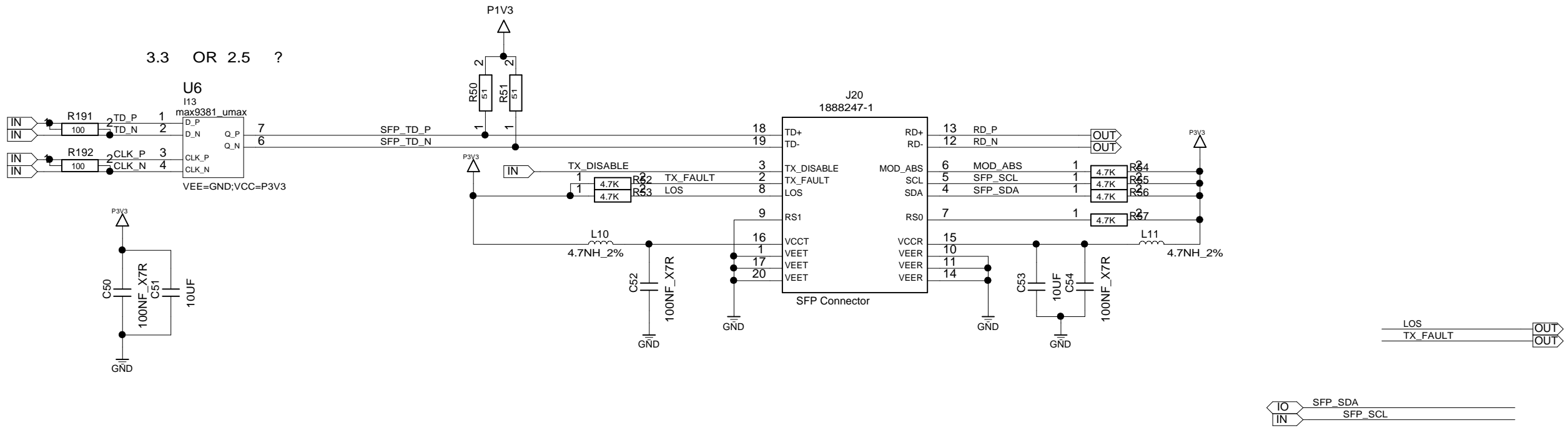
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	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 12 / 31
	SFP_MODULE			



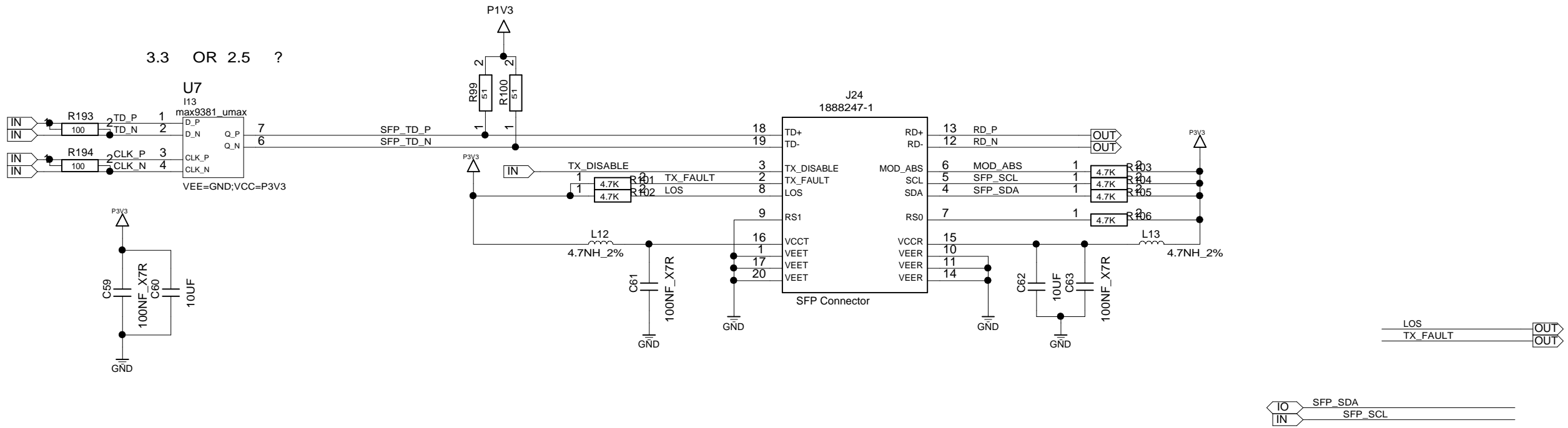
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	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 13 / 31
	SFP_MODULE			



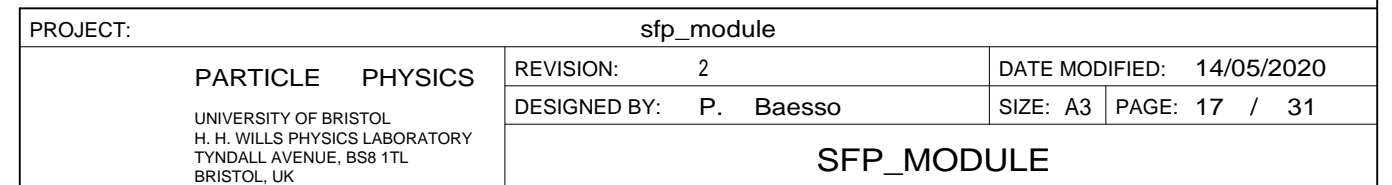
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	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 14 / 31
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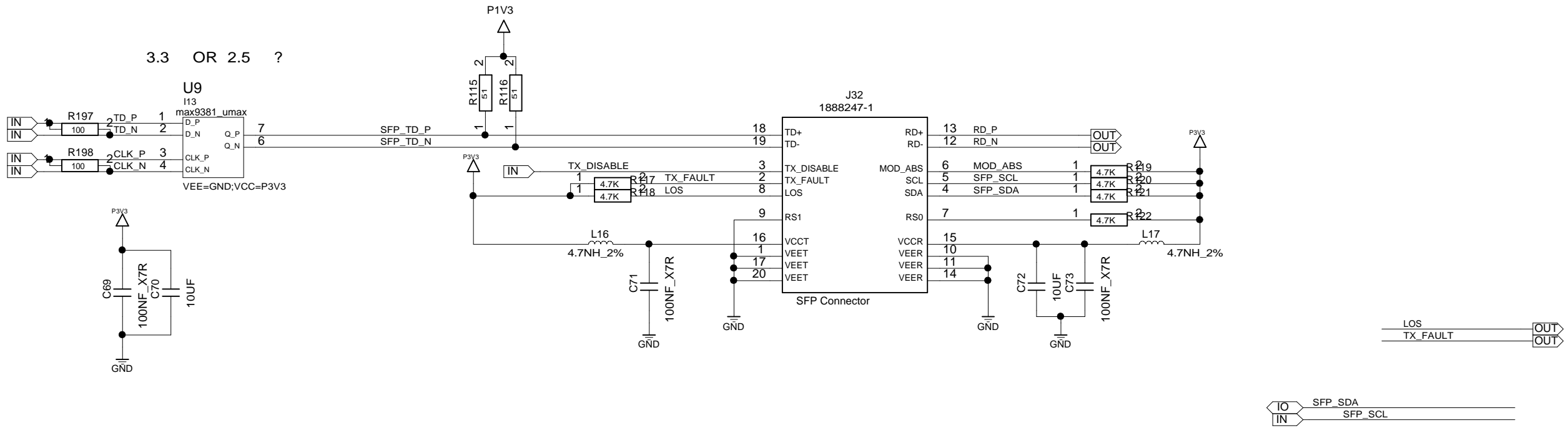


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	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 15 / 31
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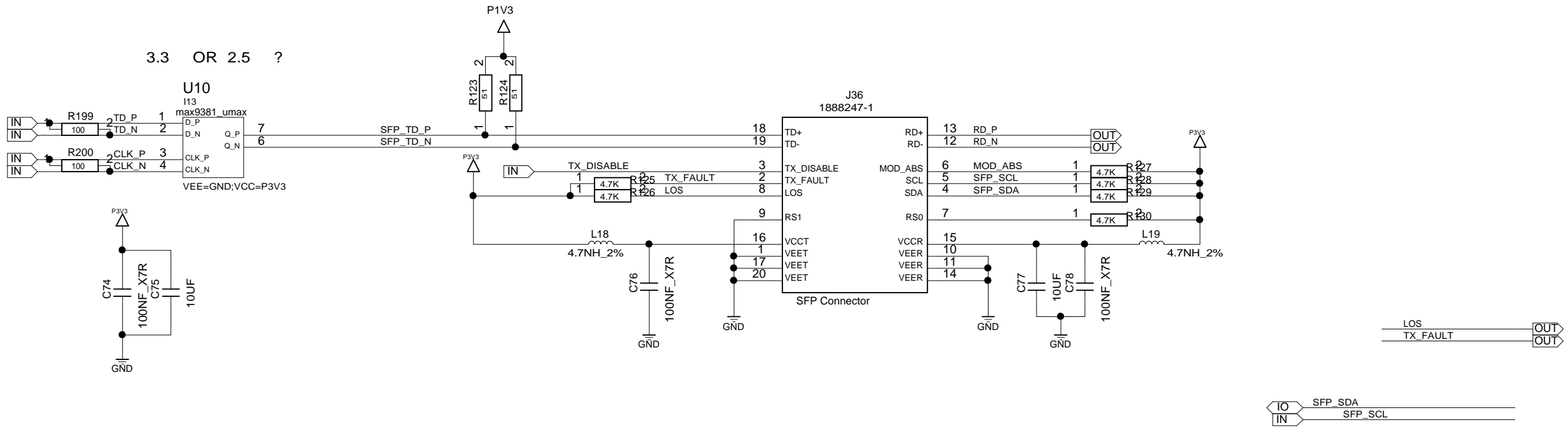


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	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 16 / 31
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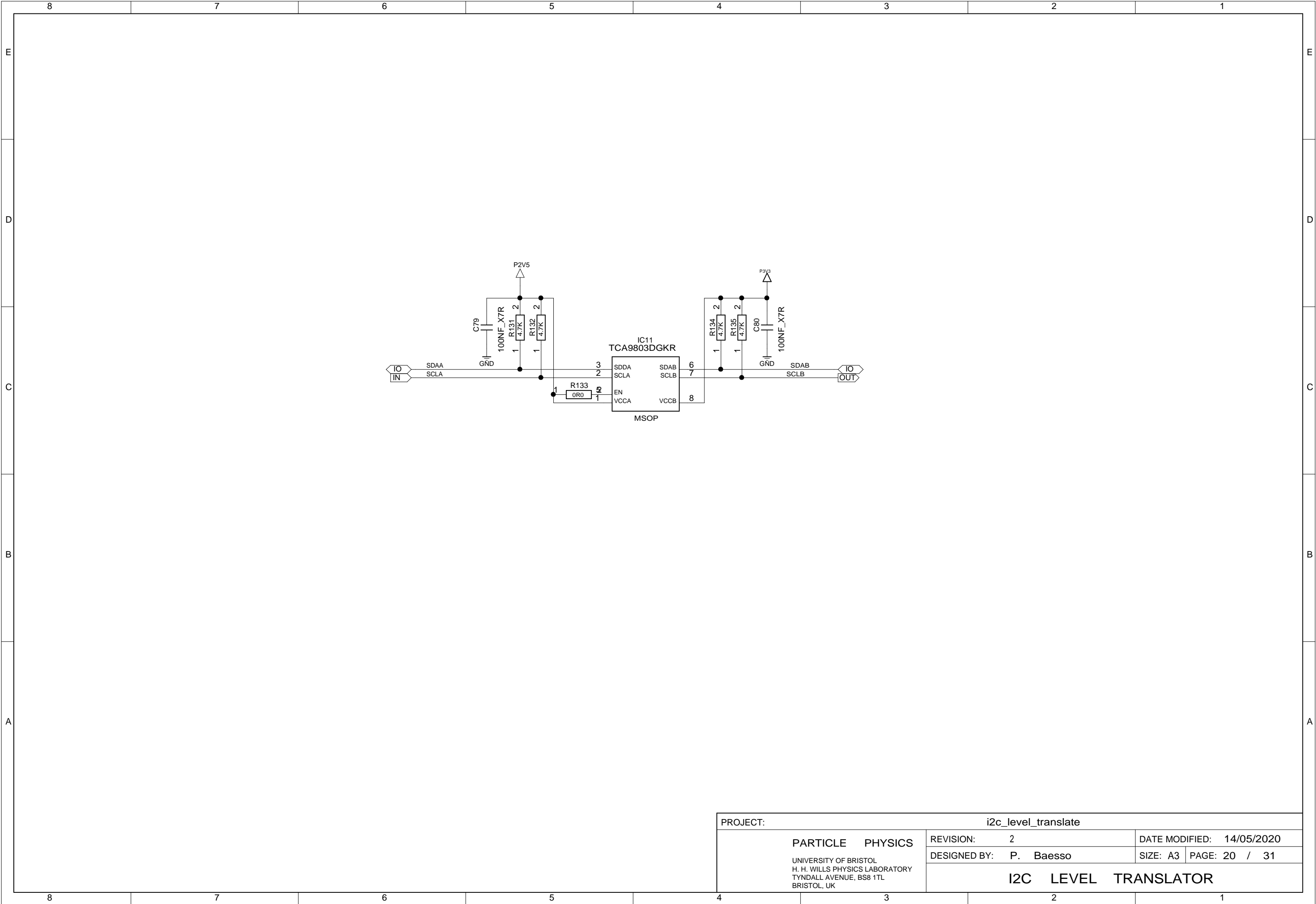




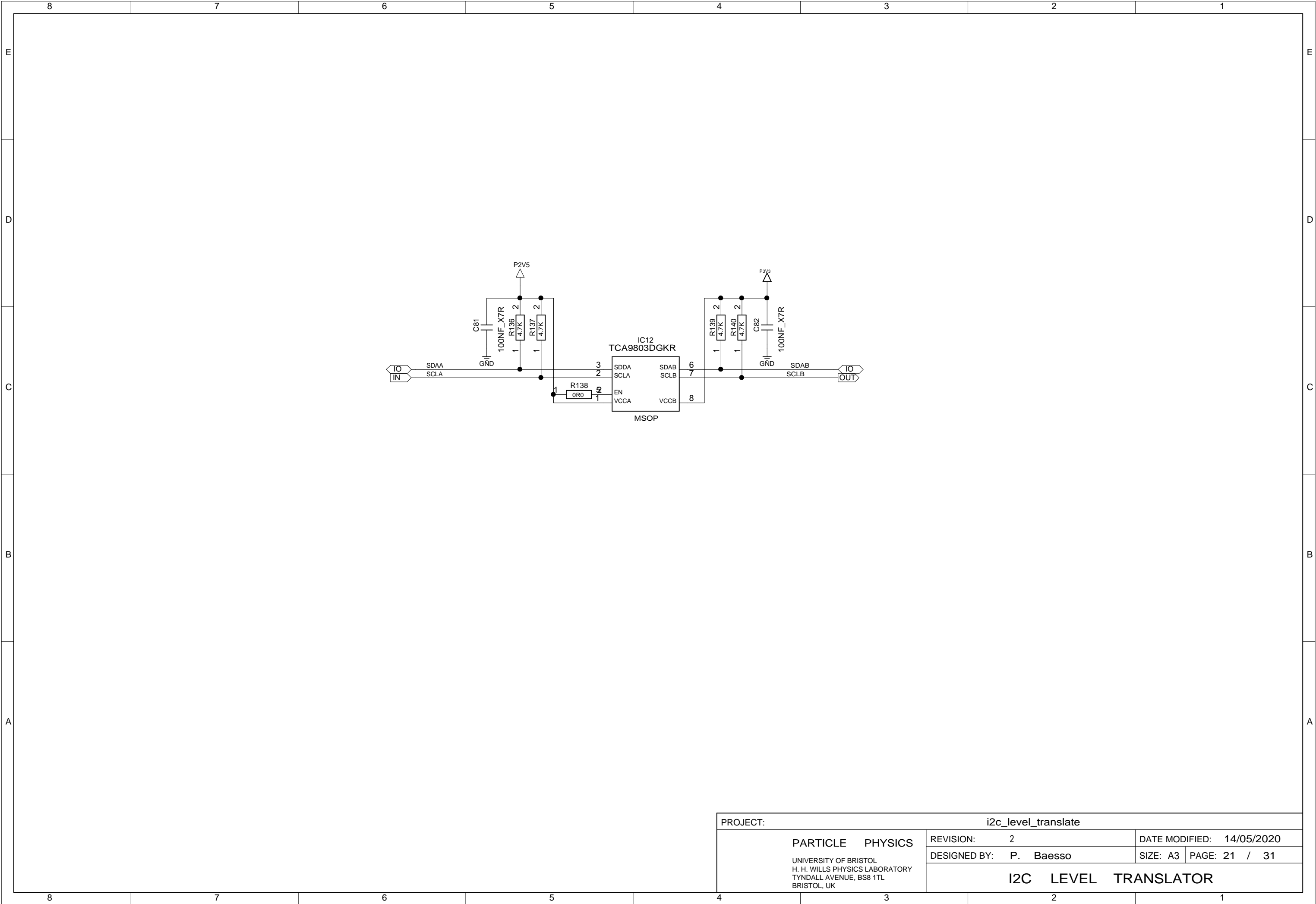
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	DESIGNED BY:	P. Baesso	SIZE: A3 PAGE: 18 / 31
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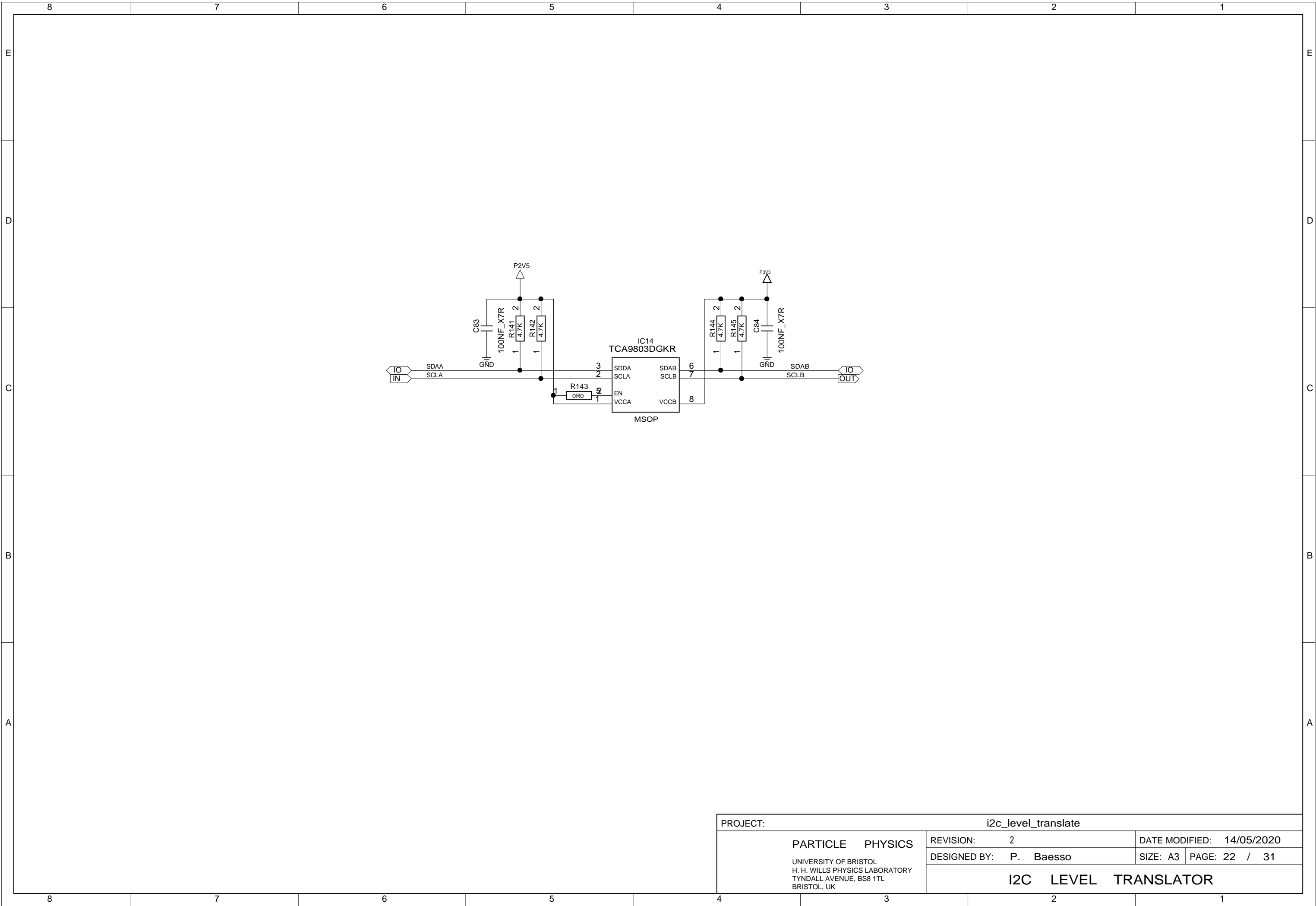
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	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 19 / 31
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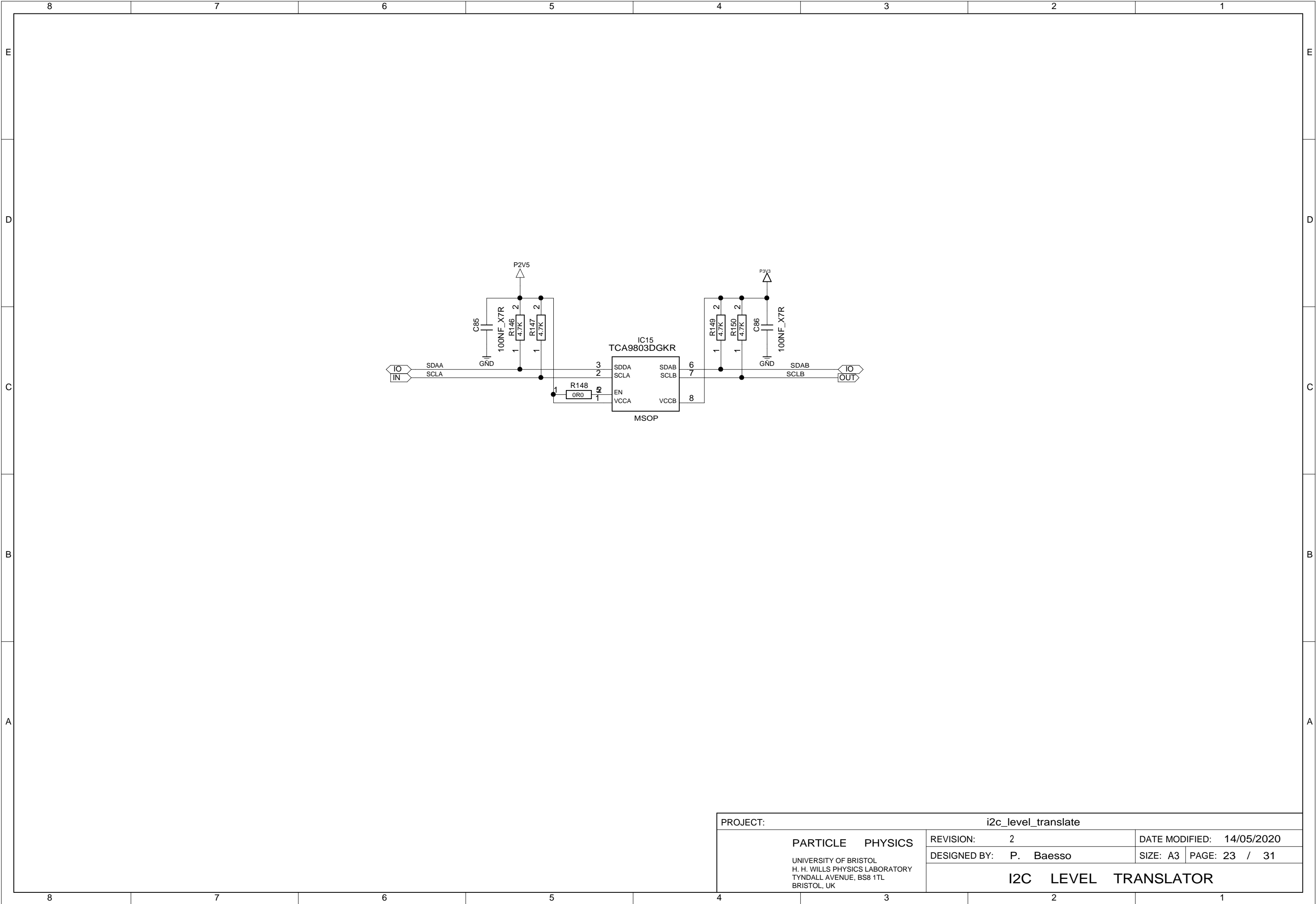
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	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 20 / 31
	I2C LEVEL TRANSLATOR			



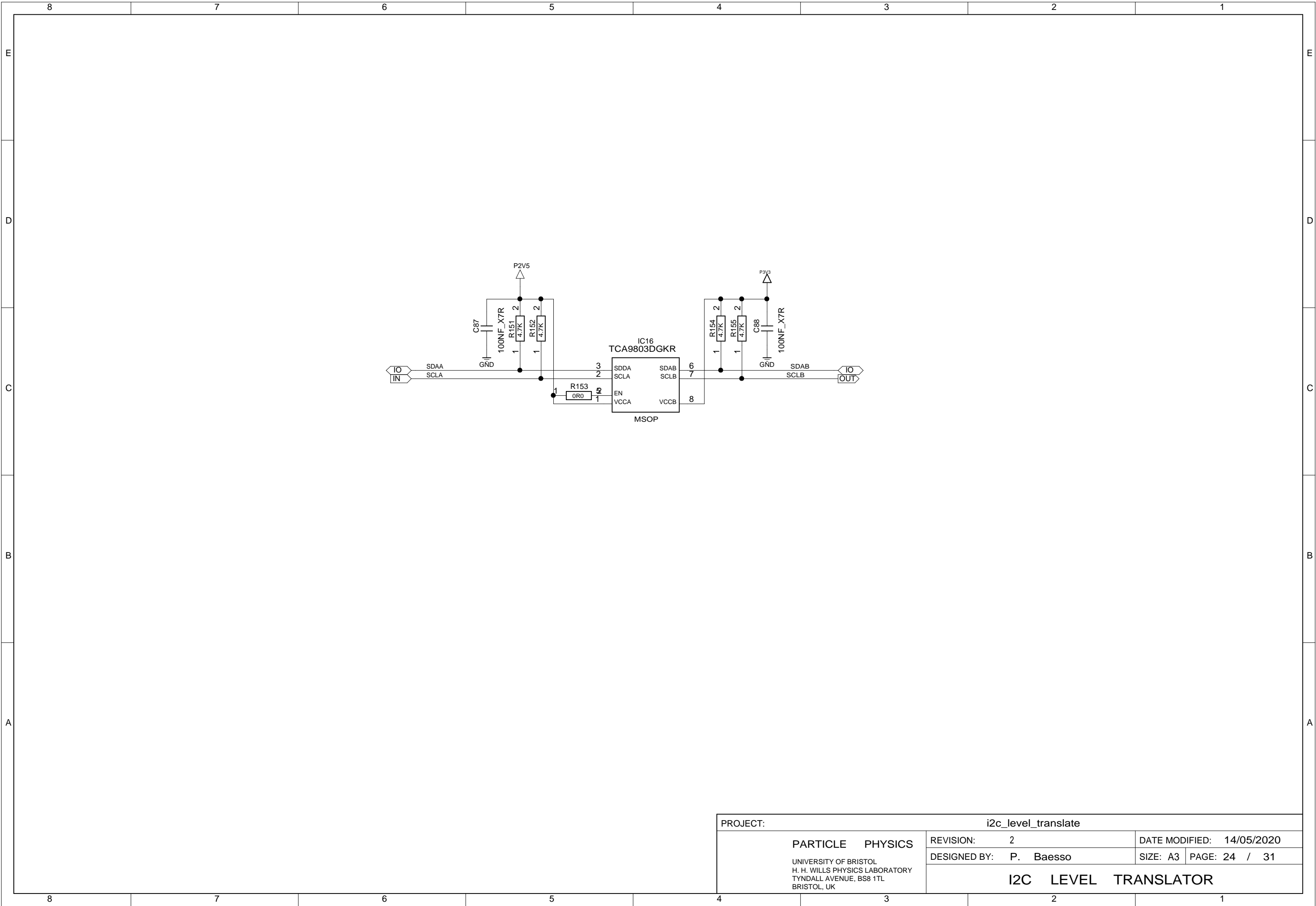
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	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 21 / 31
	I2C LEVEL TRANSLATOR			



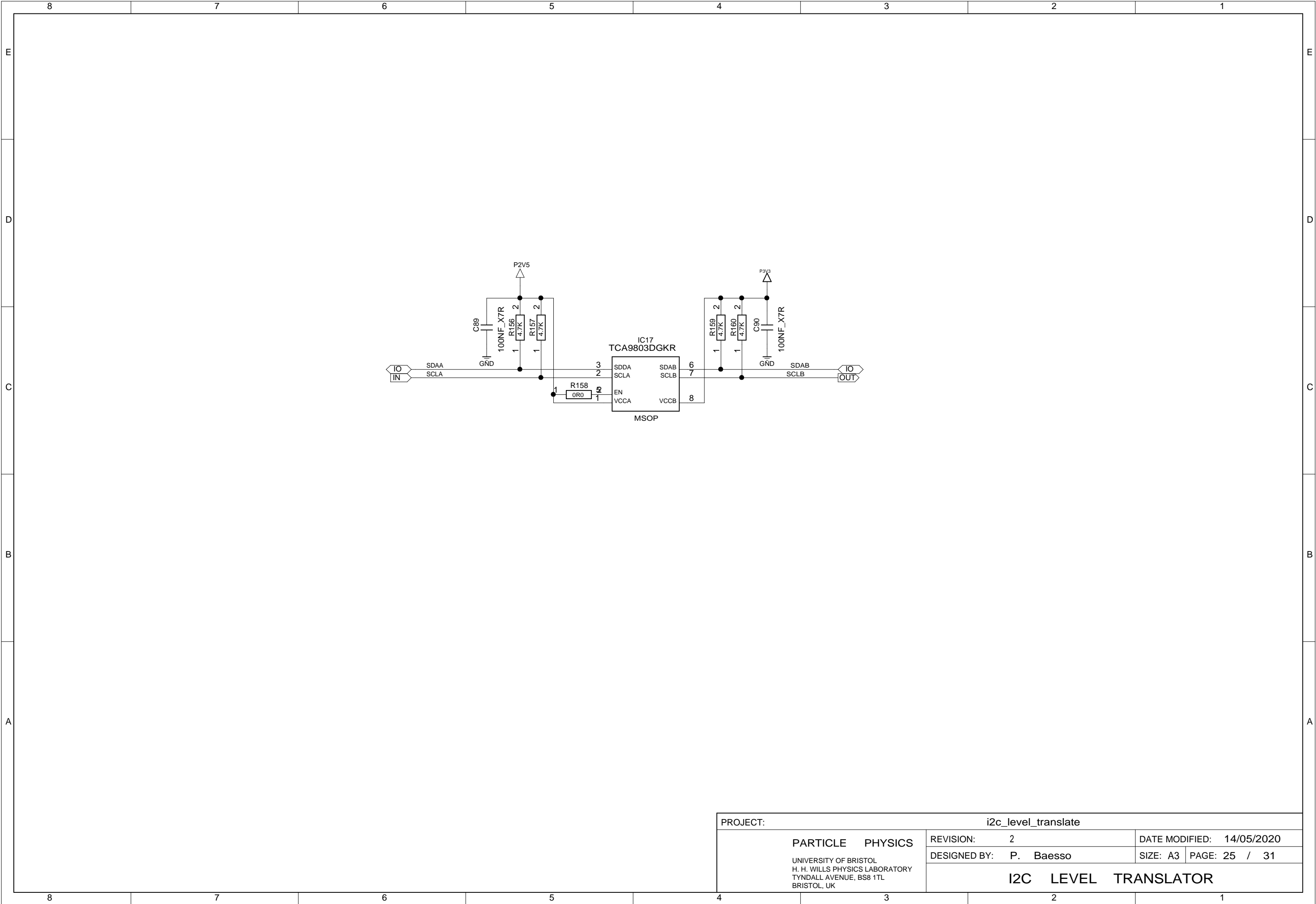
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	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 22 / 31
	I2C LEVEL TRANSLATOR			



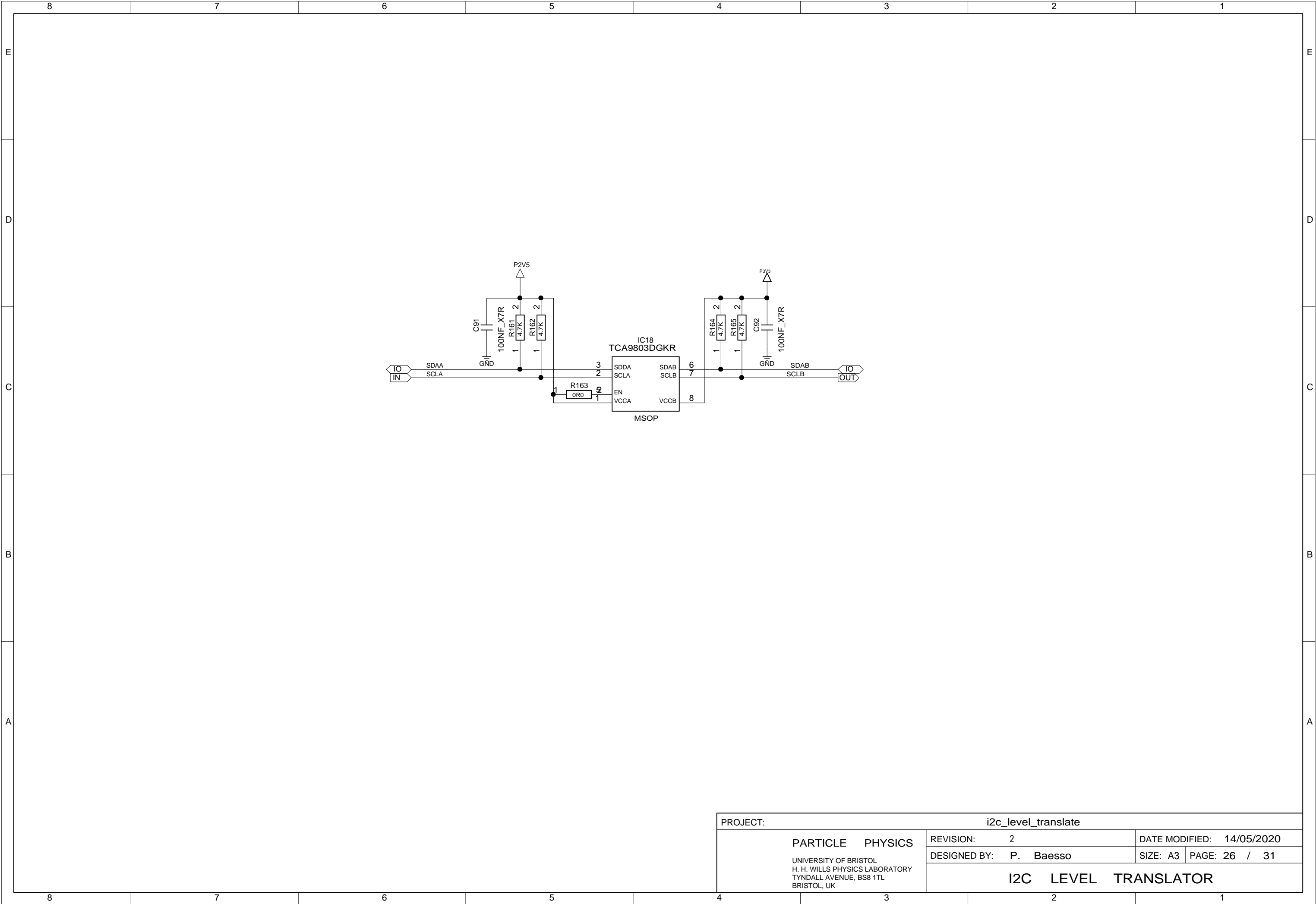
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	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 23 / 31
	I2C LEVEL TRANSLATOR			

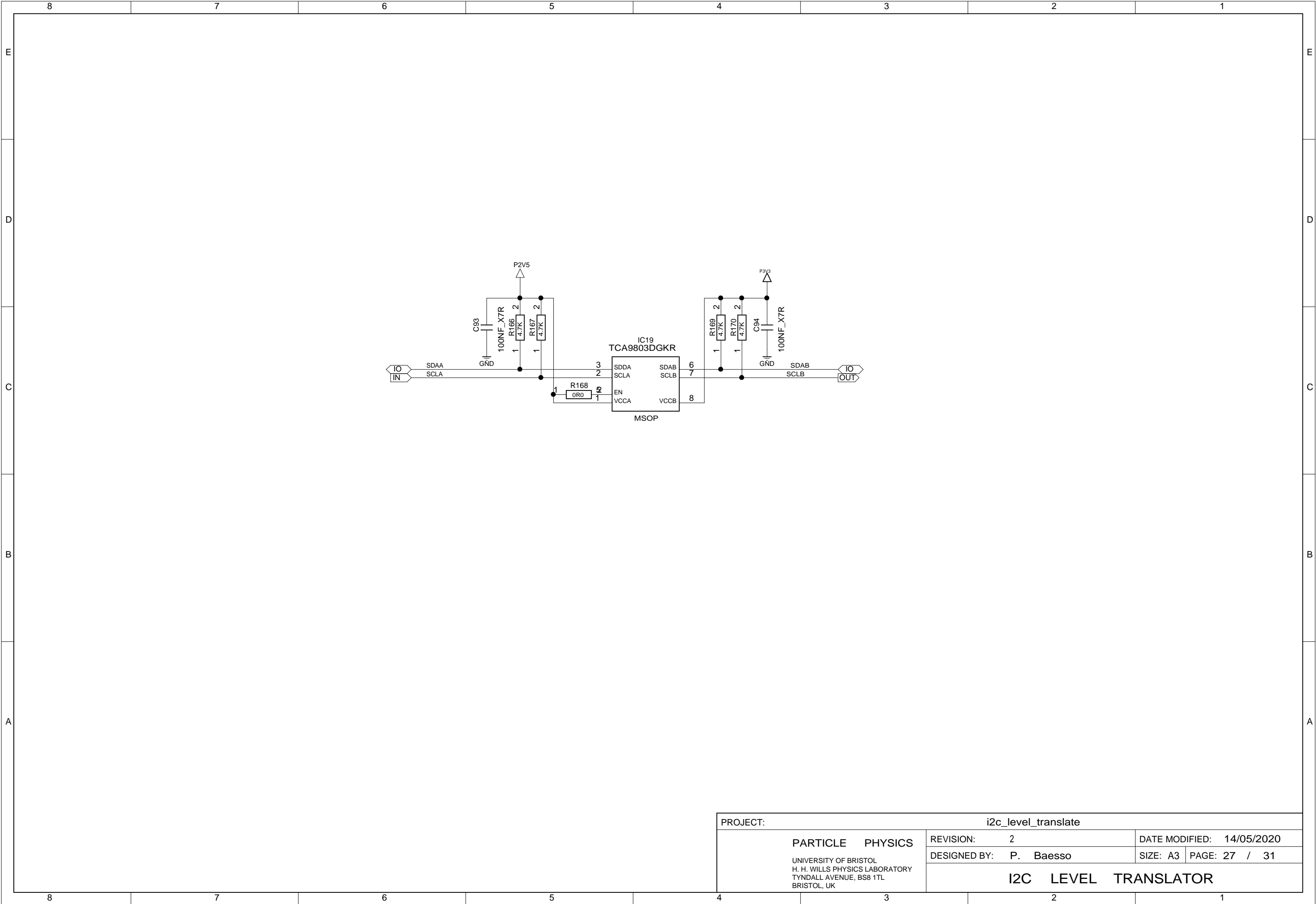


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PARTICLE PHYSICS UNIVERSITY OF BRISTOL H. H. WILLS PHYSICS LABORATORY TYNDALL AVENUE, BS8 1TL BRISTOL, UK	REVISION:	2	DATE MODIFIED: 14/05/2020	
	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 24 / 31
	I2C LEVEL TRANSLATOR			

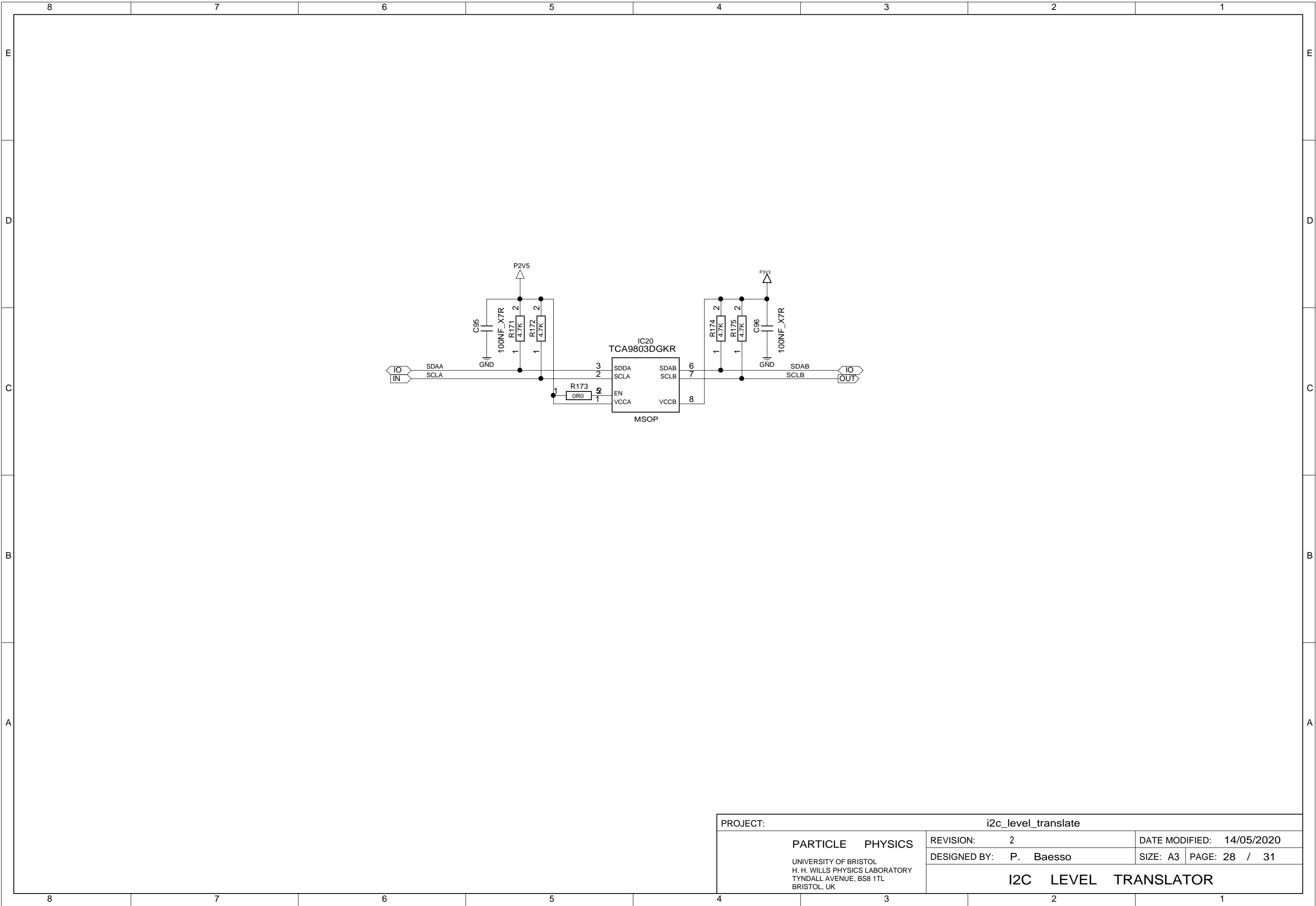


PROJECT:		i2c_level_translate	
PARTICLE PHYSICS UNIVERSITY OF BRISTOL H. H. WILLS PHYSICS LABORATORY TYNDALL AVENUE, BS8 1TL BRISTOL, UK	REVISION:	2	DATE MODIFIED: 14/05/2020
	DESIGNED BY:	P. Baesso	SIZE: A3 PAGE: 25 / 31
	I2C LEVEL TRANSLATOR		

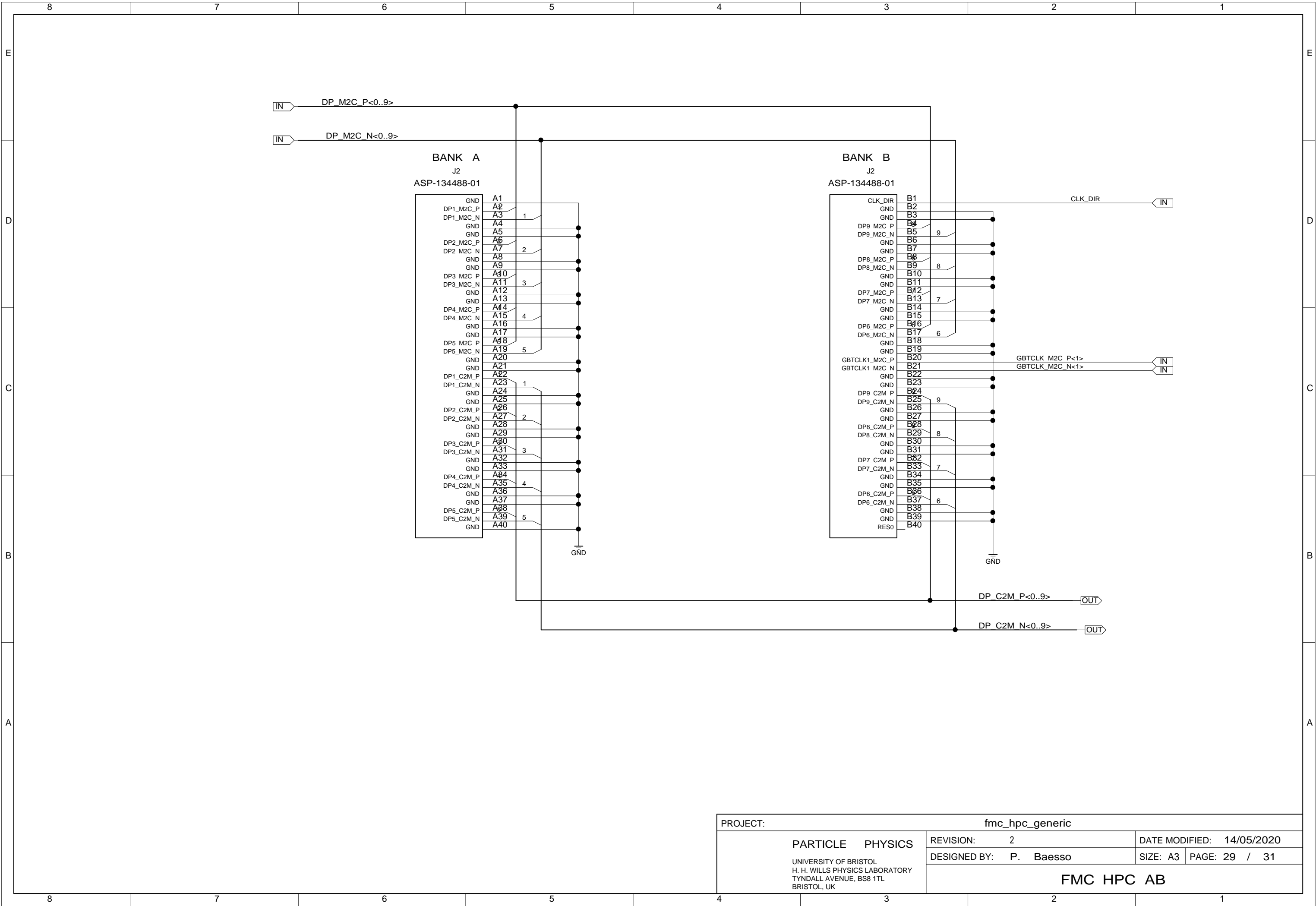




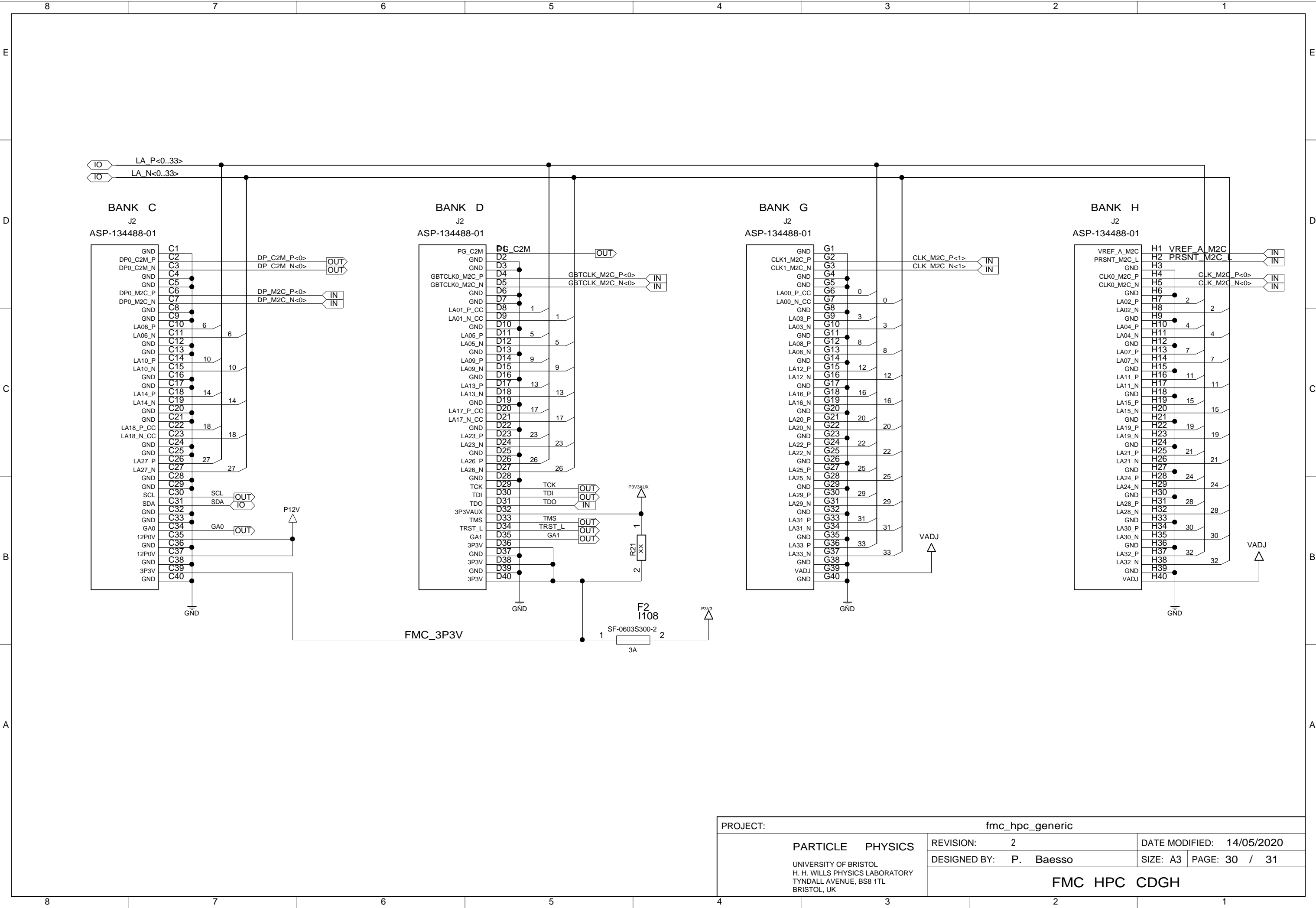
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	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 27 / 31
	I2C LEVEL TRANSLATOR			



PROJECT:		i2c_level_translate		
PARTICLE PHYSICS UNIVERSITY OF BRISTOL H. H. WILLS PHYSICS LABORATORY TYNDALL AVENUE, BS8 1TL BRISTOL, UK	REVISION:	2	DATE MODIFIED: 14/05/2020	
	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 28 / 31
	I2C LEVEL TRANSLATOR			



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PARTICLE PHYSICS UNIVERSITY OF BRISTOL H. H. WILLS PHYSICS LABORATORY TYNDALL AVENUE, BS8 1TL BRISTOL, UK	REVISION:	2	DATE MODIFIED: 14/05/2020	
	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 29 / 31
	FMC HPC AB			



PROJECT:		fmc_hpc_generic		
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	DESIGNED BY:	P. Baesso	SIZE: A3	PAGE: 30 / 31
	FMC HPC CDGH			

