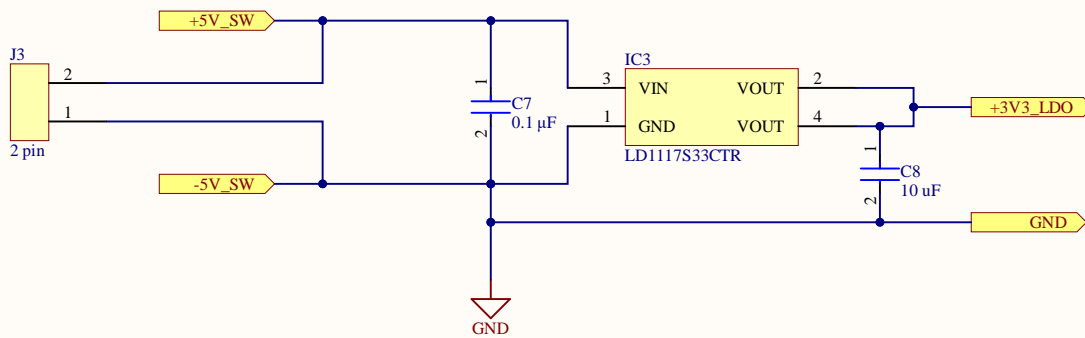


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Size	Number	Revision
A3		
Date:	12.18.2024	Sheet of
File:	C:\Users\...\Callisto Control Board.SchDoc	Drawn By:

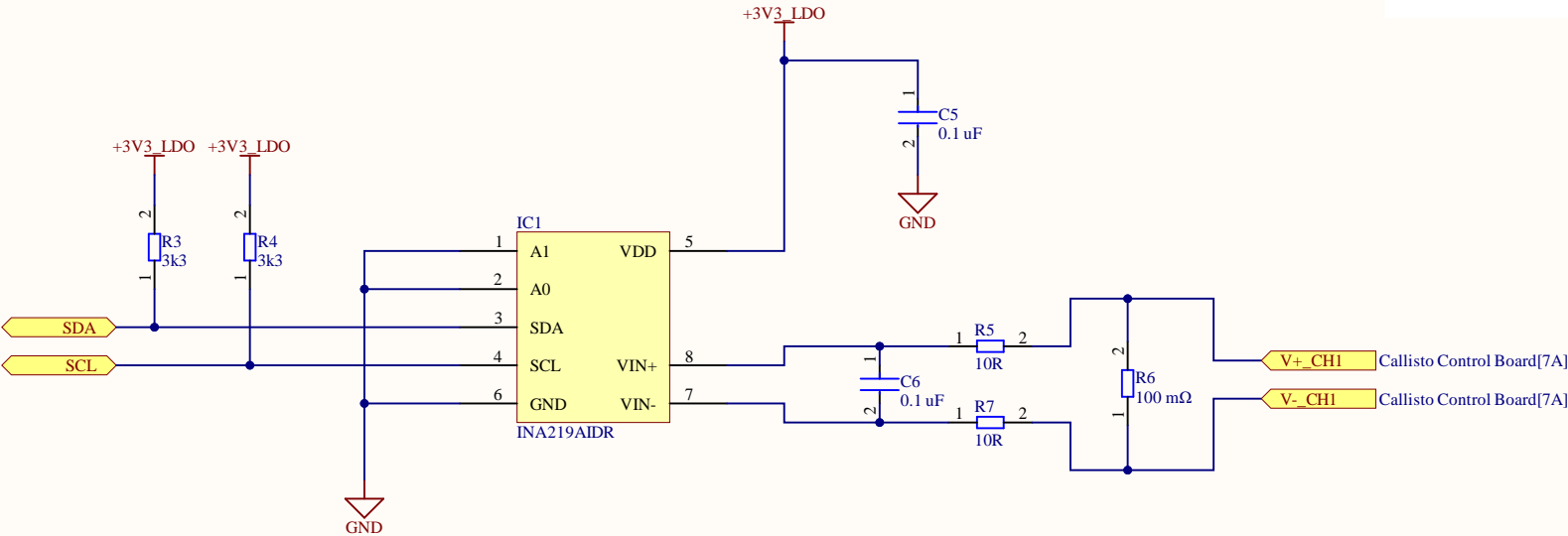


Title		
Size A4	Number	Revision
Date:	12.18.2024	Sheet of
File:	C:\Users\...\3V3 LDO.SchDoc	Drawn By:

A1	A0	Address
GND	GND	1000000 CH1
GND	VS+	1000001 CH2
GND	SDA	1000010 CH6
GND	SCL	1000011
VS+	GND	1000100 CH3
VS+	VS+	1000101 CH4
VS+	SDA	1000110 CH5
VS+	SCL	1000111
SDA	GND	1001000
SDA	VS+	1001001
SDA	SDA	1001010
SDA	SCL	1001011
SCL	GND	1001100
SCL	VS+	1001101
SCL	SDA	1001110
SCL	SCL	1001111

Do not forget to order 0805
0R for filter and optional
DNP for filter cap!

0R -> RC0805JR-070RL

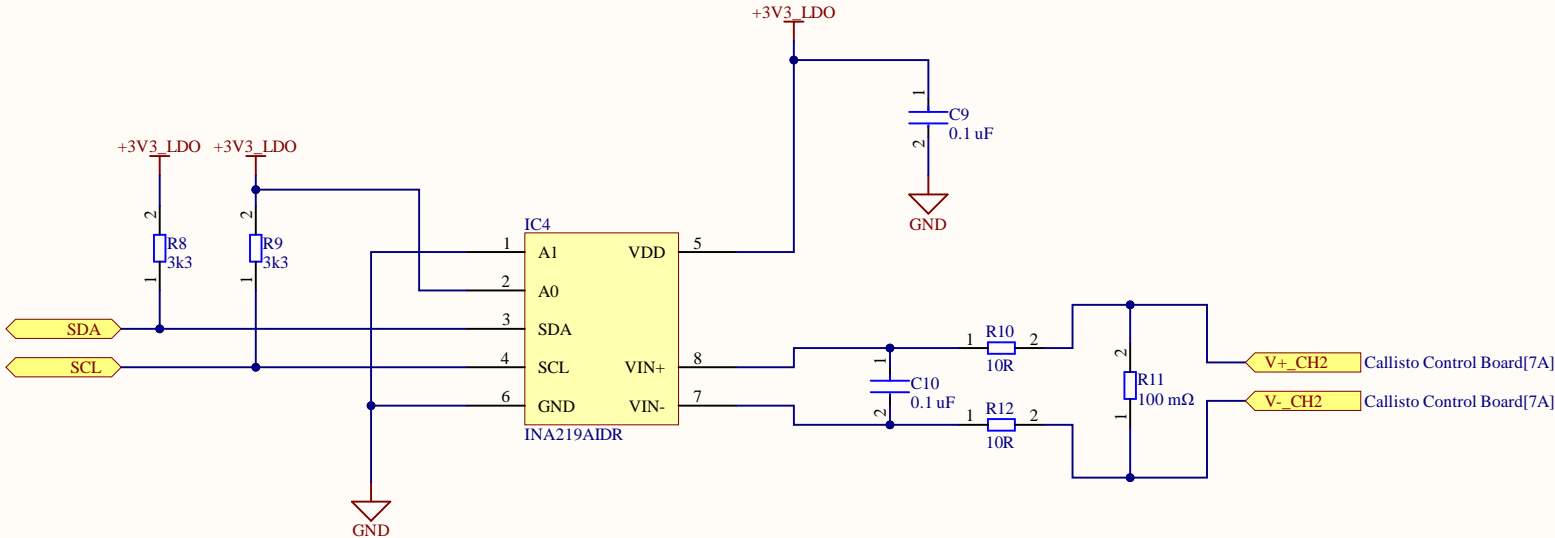
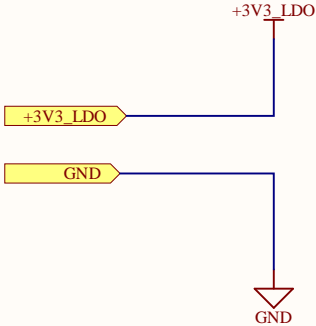


Title		
Size	Number	Revision
A4		
Date:	12.18.2024	Sheet of
File:	C:\Users\...\INA219_CH1.SchDoc	Drawn By:

A1	A0	Address
GND	GND	1000000 CH1
GND	VS+	1000001 CH2
GND	SDA	1000010 CH6
GND	SCL	1000011
VS+	GND	1000100 CH3
VS+	VS+	1000101CH4
VS+	SDA	1000110 CH5
VS+	SCL	1000111
SDA	GND	1001000
SDA	VS+	1001001
SDA	SDA	1001010
SDA	SCL	1001011
SCL	GND	1001100
SCL	VS+	1001101
SCL	SDA	1001110
SCL	SCL	1001111

Do not forget to order 0805
0R for filter and optional
DNP for filter cap!

0R -> RC0805JR-070RL

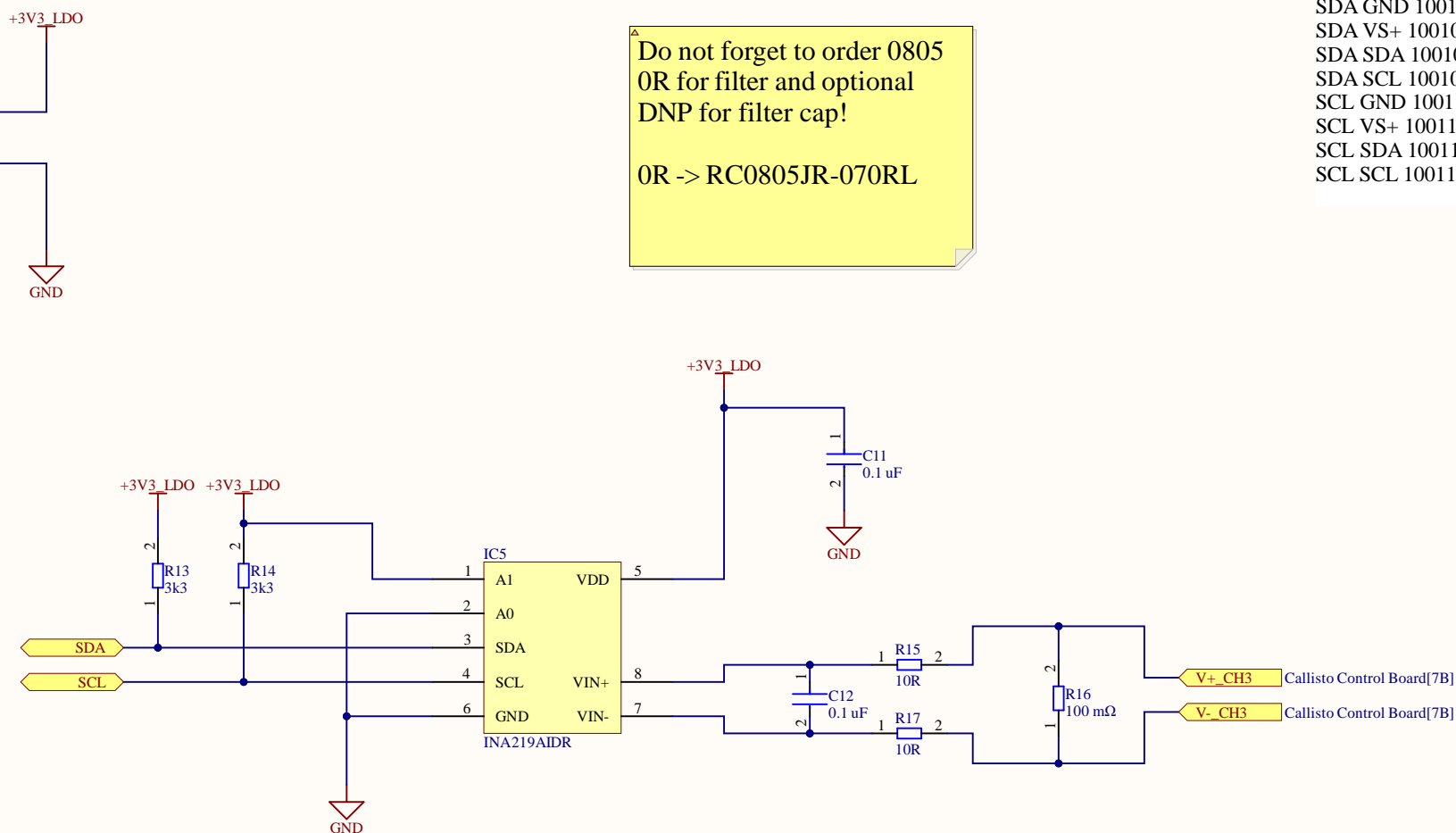


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Size	Number	Revision
A4		
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A1 A0 Address
GND GND 1000000 CH1
GND VS+ 1000001 CH2
GND SDA 1000010 CH6
GND SCL 1000011
VS+ GND 1000100 CH3
VS+ VS+ 1000101 CH4
VS+ SDA 1000110 CH5
VS+ SCL 1000111
SDA GND 1001000
SDA VS+ 1001001
SDA SDA 1001010
SDA SCL 1001011
SCL GND 1001100
SCL VS+ 1001101
SCL SDA 1001110
SCL SCL 1001111

Do not forget to order 0805
0R for filter and optional
DNP for filter cap!

0R -> RC0805JR-070RL

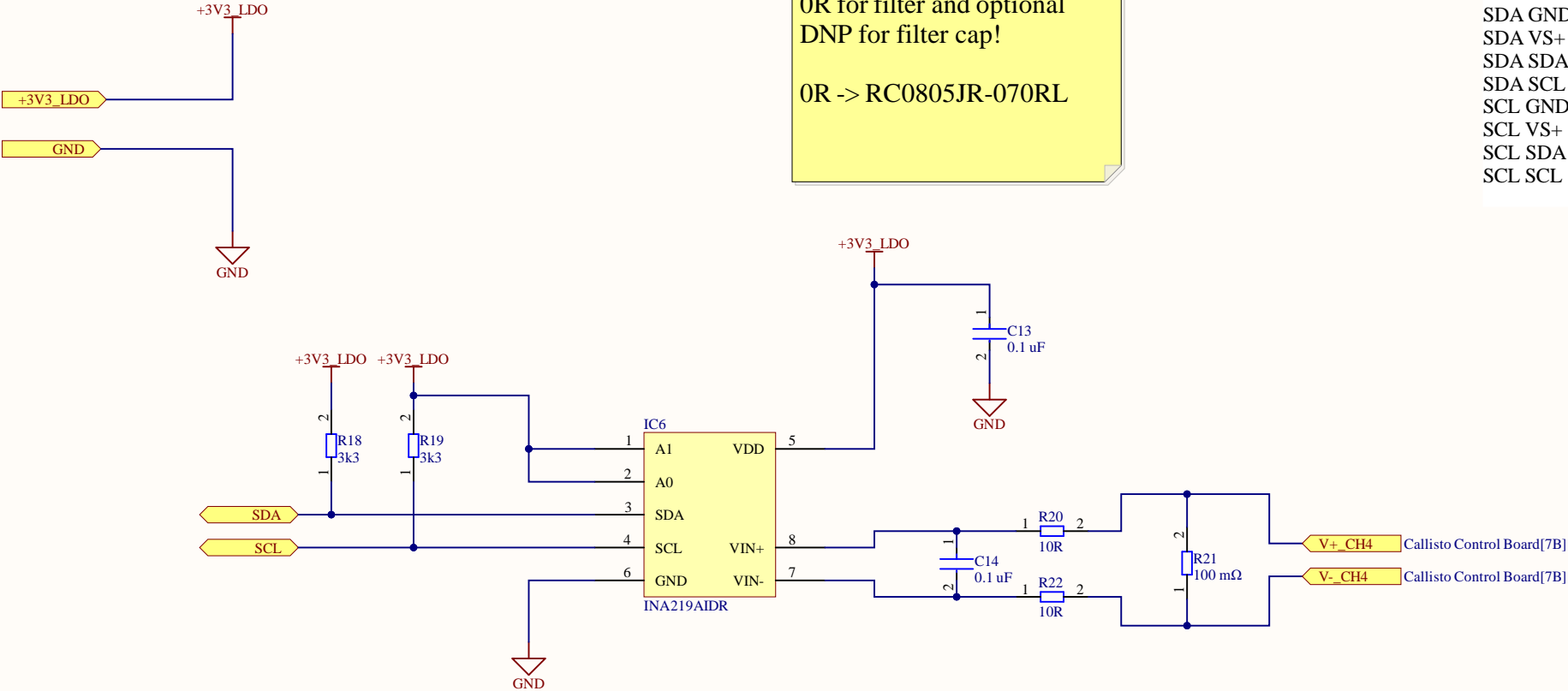


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File:	C:\Users\...\INA219_CH3.SchDoc	Drawn By:

A1	A0	Address
GND	GND	1000000 CH1
GND	VS+	1000001 CH2
GND	SDA	1000010 CH6
GND	SCL	1000011
VS+	GND	1000100 CH3
VS+	VS+	1000101CH4
VS+	SDA	1000110 CH5
VS+	SCL	1000111
SDA	GND	1001000
SDA	VS+	1001001
SDA	SDA	1001010
SDA	SCL	1001011
SCL	GND	1001100
SCL	VS+	1001101
SCL	SDA	1001110
SCL	SCL	1001111

Do not forget to order 0805
0R for filter and optional
DNP for filter cap!

0R -> RC0805JR-070RL

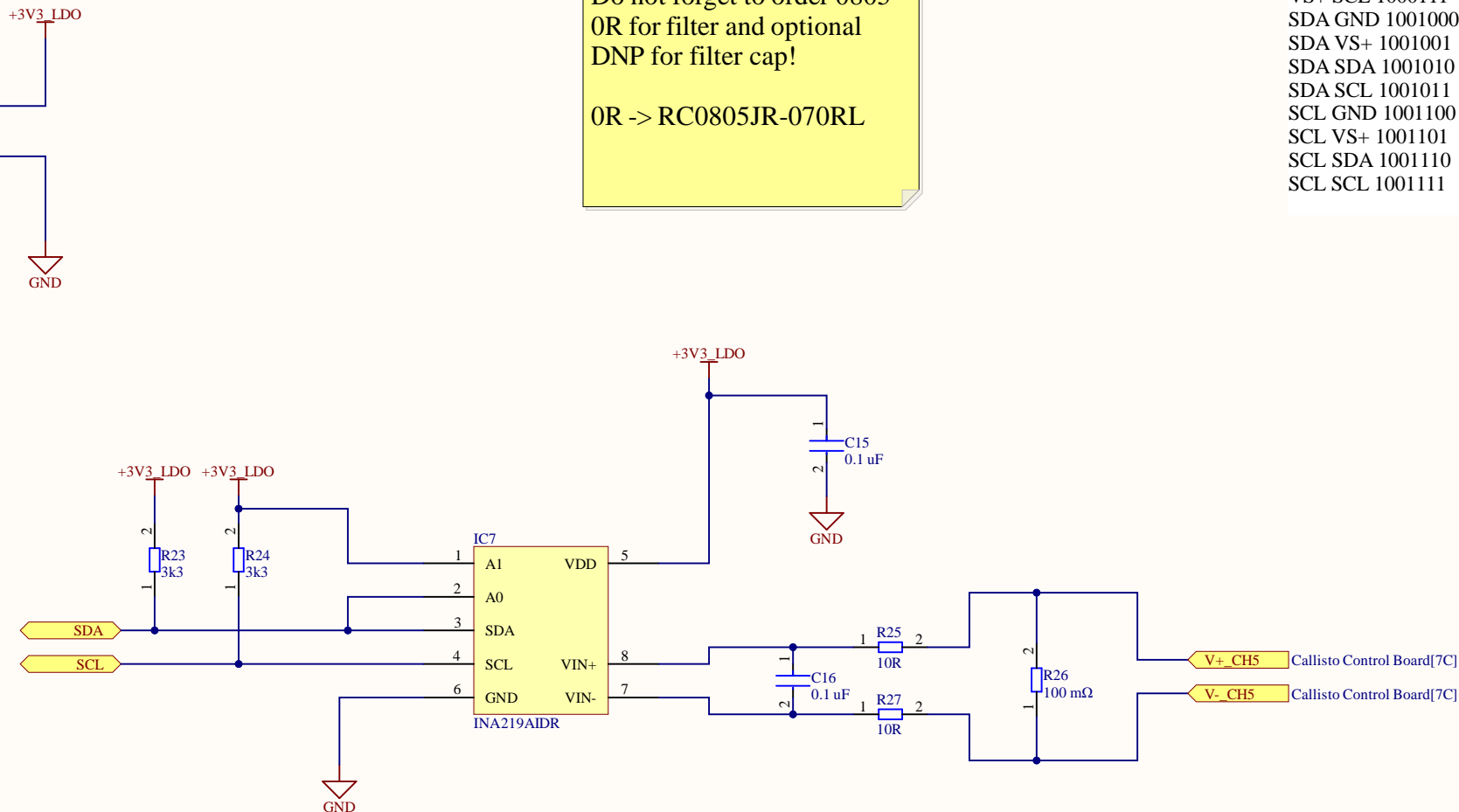


Title		
Size	Number	Revision
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Date:	12.18.2024	Sheet of
File:	C:\Users\...\INA219_CH4.SchDoc	Drawn By:

A1	A0	Address
GND	GND	1000000 CH1
GND	VS+	1000001 CH2
GND	SDA	1000010 CH6
GND	SCL	1000011
VS+	GND	1000100 CH3
VS+	VS+	1000101 CH4
VS+	SDA	1000110 CH5
VS+	SCL	1000111
SDA	GND	1001000
SDA	VS+	1001001
SDA	SDA	1001010
SDA	SCL	1001011
SCL	GND	1001100
SCL	VS+	1001101
SCL	SDA	1001110
SCL	SCL	1001111

Do not forget to order 0805
0R for filter and optional
DNP for filter cap!

0R -> RC0805JR-070RL

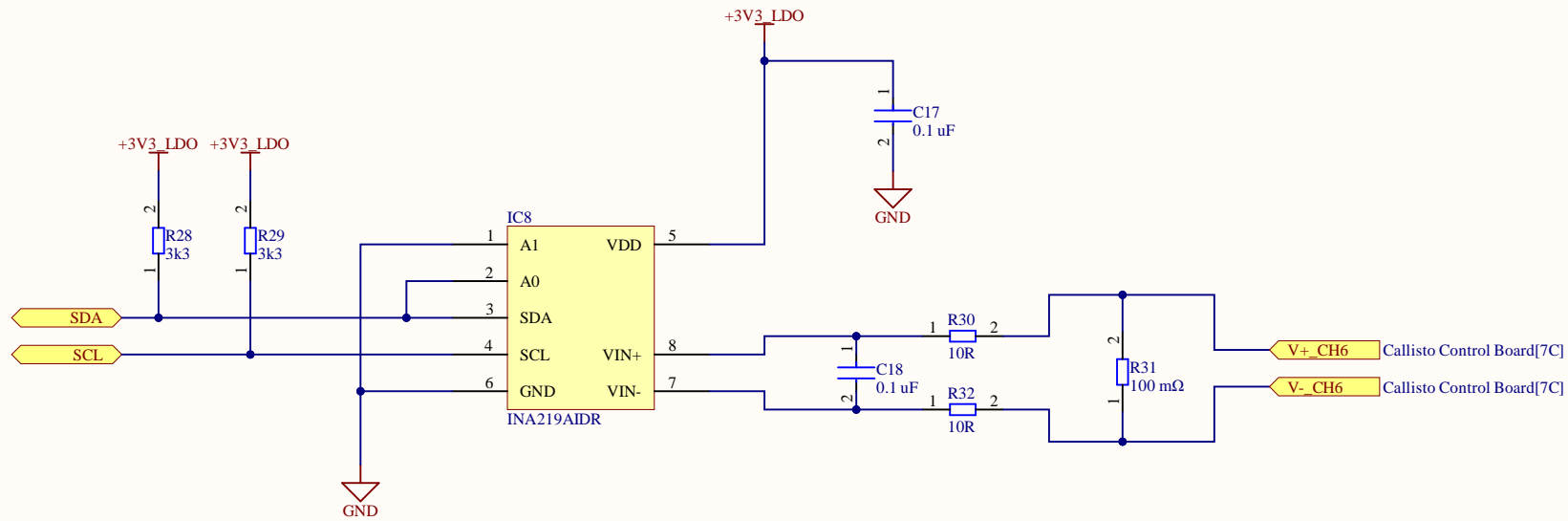
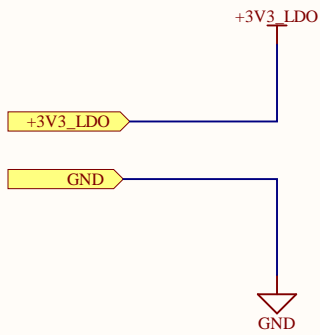


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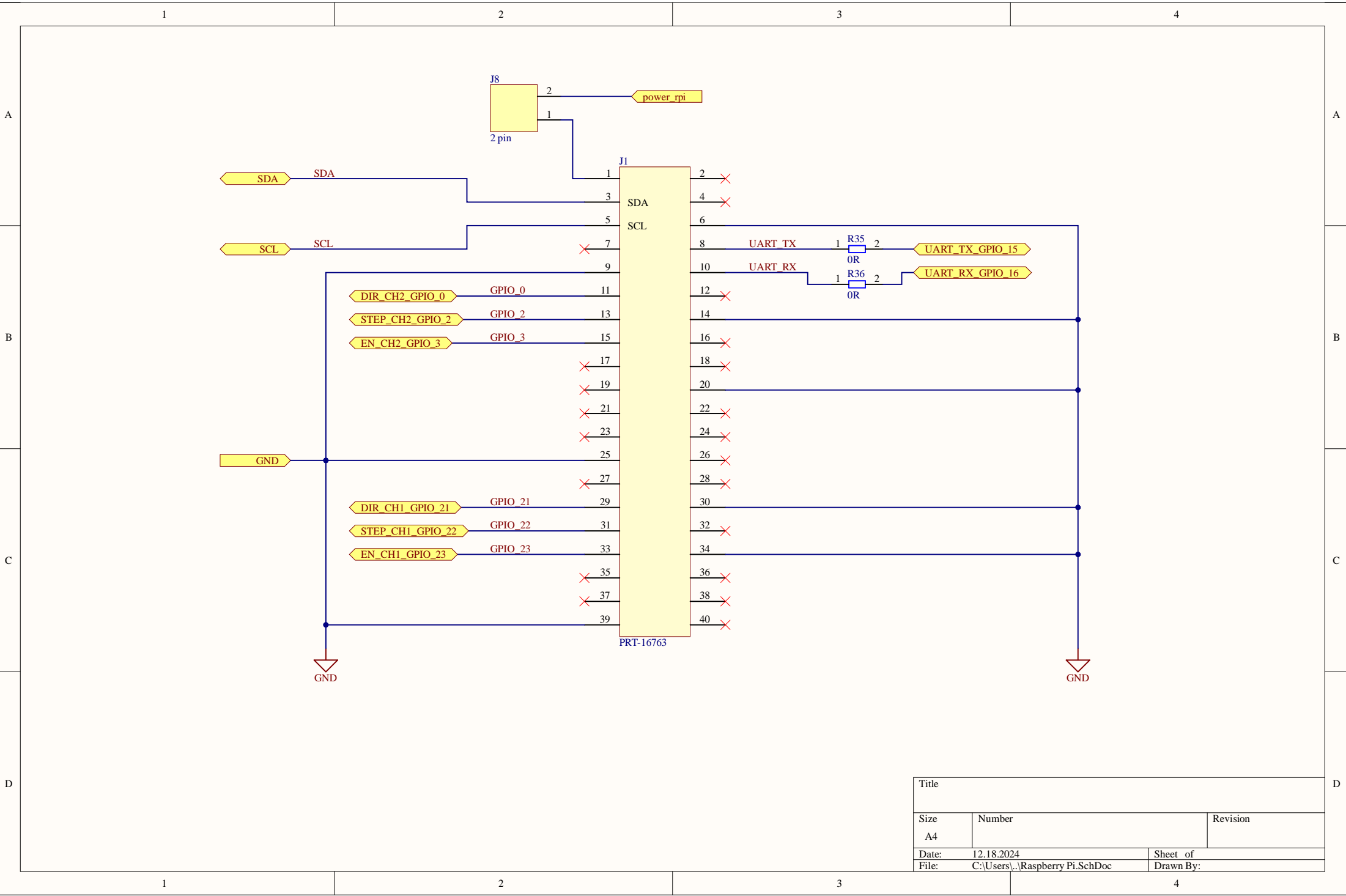
A1	A0	Address
GND	GND	1000000 CH1
GND	VS+	1000001 CH2
GND	SDA	1000010 CH6
GND	SCL	1000011
VS+	GND	1000100 CH3
VS+	VS+	1000101 CH4
VS+	SDA	1000110 CH5
VS+	SCL	1000111
SDA	GND	1001000
SDA	VS+	1001001
SDA	SDA	1001010
SDA	SCL	1001011
SCL	GND	1001100
SCL	VS+	1001101
SCL	SDA	1001110
SCL	SCL	1001111

Do not forget to order 0805
0R for filter and optional
DNP for filter cap!

0R -> RC0805JR-070RL



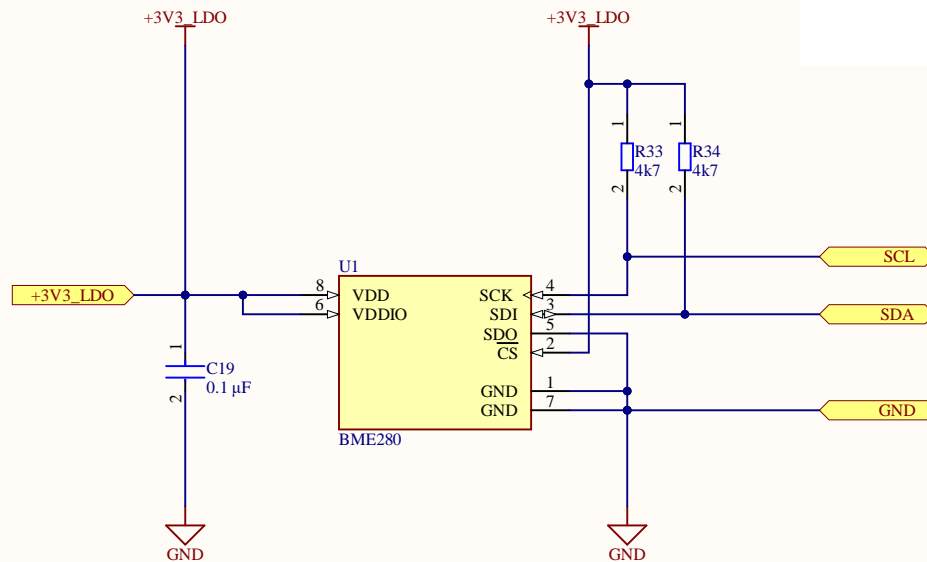
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Date:	12.18.2024	Sheet of
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Title		
Size A4	Number	Revision
Date:	12.18.2024	Sheet of
File:	C:\Users\...\Raspberry Pi.SchDoc	Drawn By:

I2C address is permanently
111011x

x = 0 <=> SDO = GND
x = 1 <=> SDO = VDDIO



Title		
Size	Number	Revision
A4		
Date:	12.18.2024	Sheet of
File:	C:\Users\...\BME280.SchDoc	Drawn By:

A

B

C

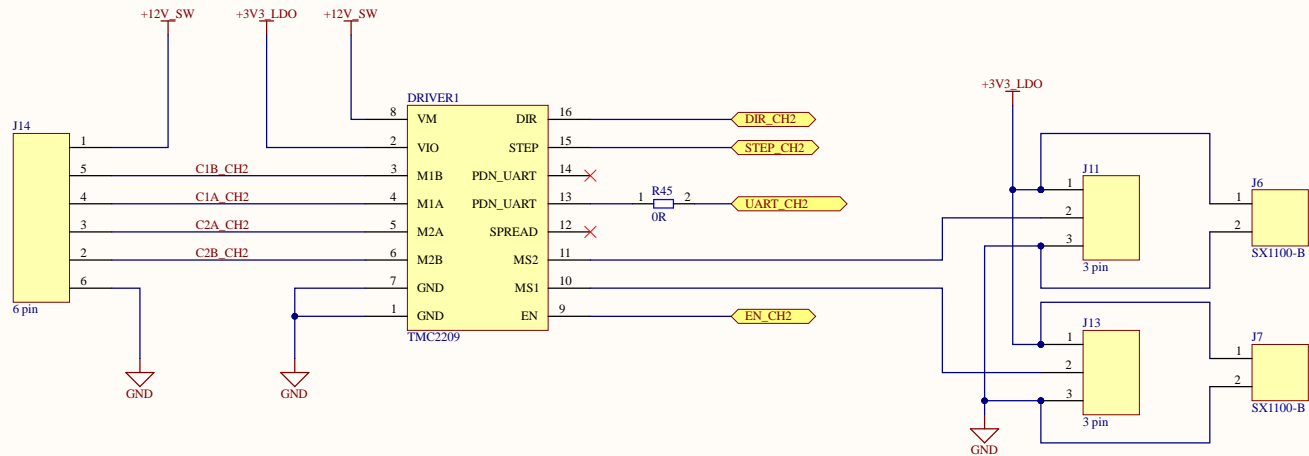
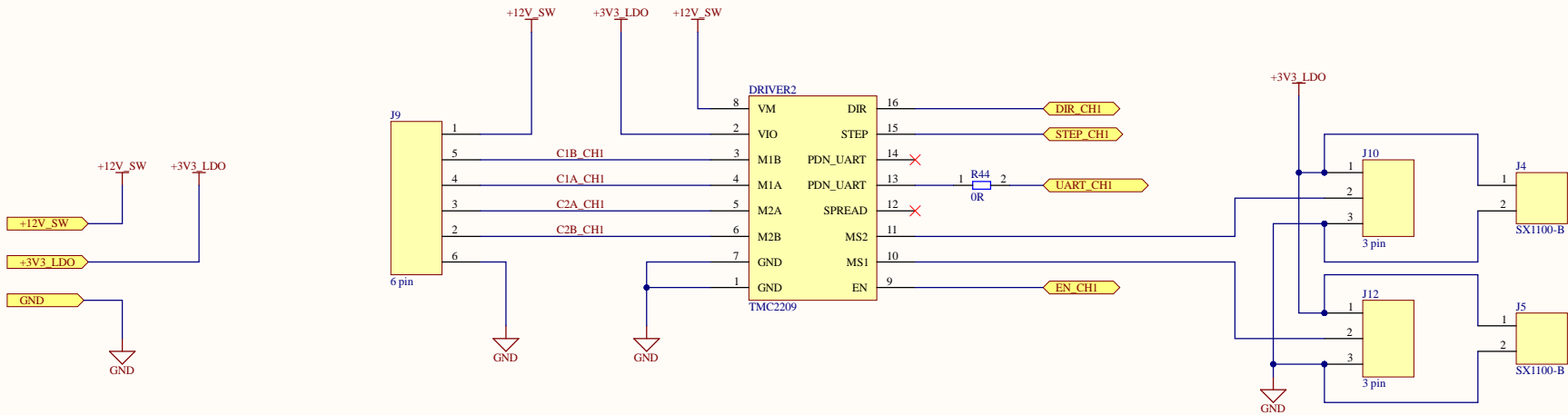
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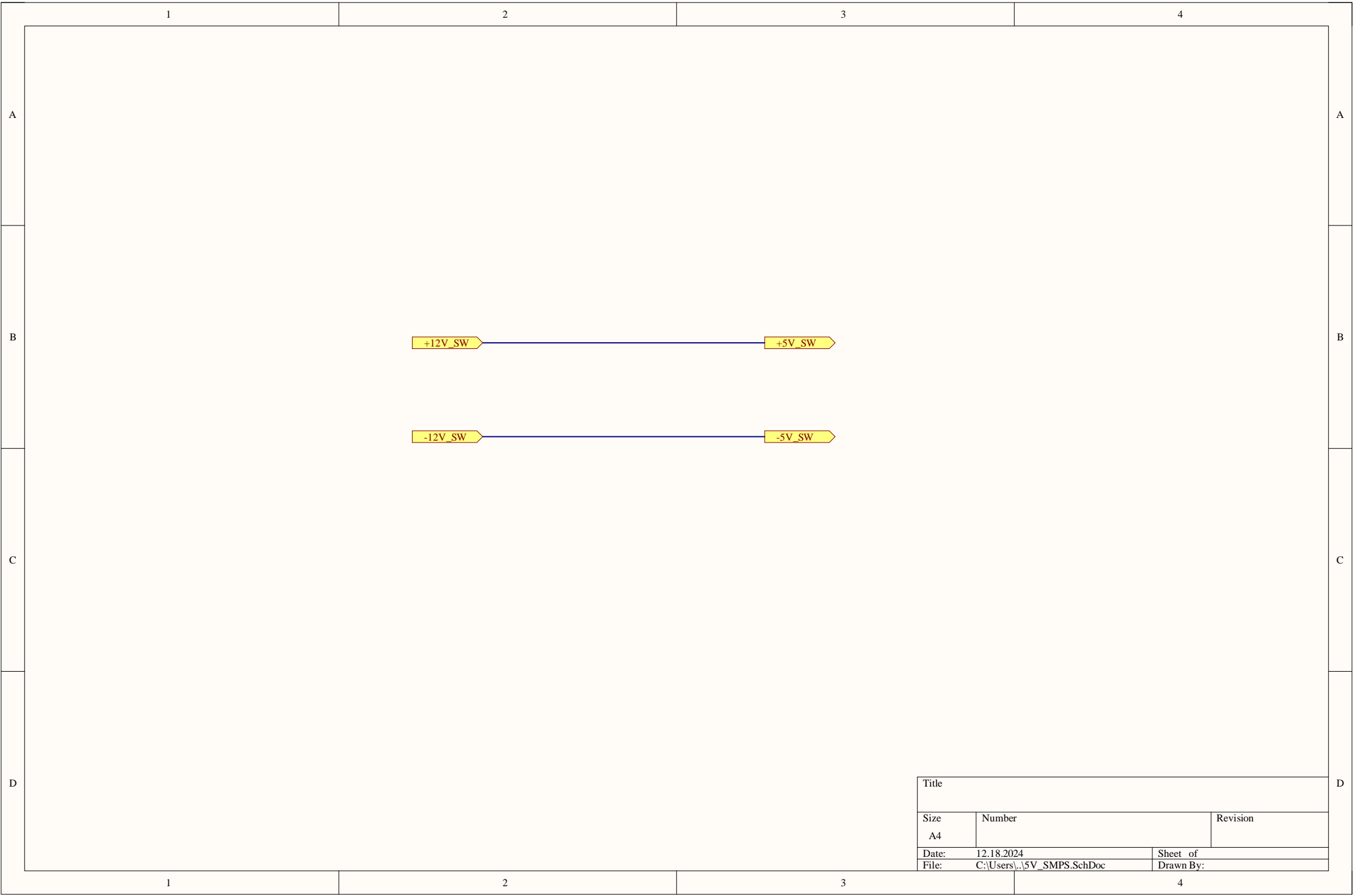
B

C

D



Title		
Size	Number	Revision
A3		
Date:	12.18.2024	Sheet of
File:	C:\Users\...\Driver Board.SchDoc	Drawn By:



Title		
Size	Number	Revision
A4		
Date:	12.18.2024	Sheet of
File:	C:\Users\...\5V_SMPS.SchDoc	Drawn By: