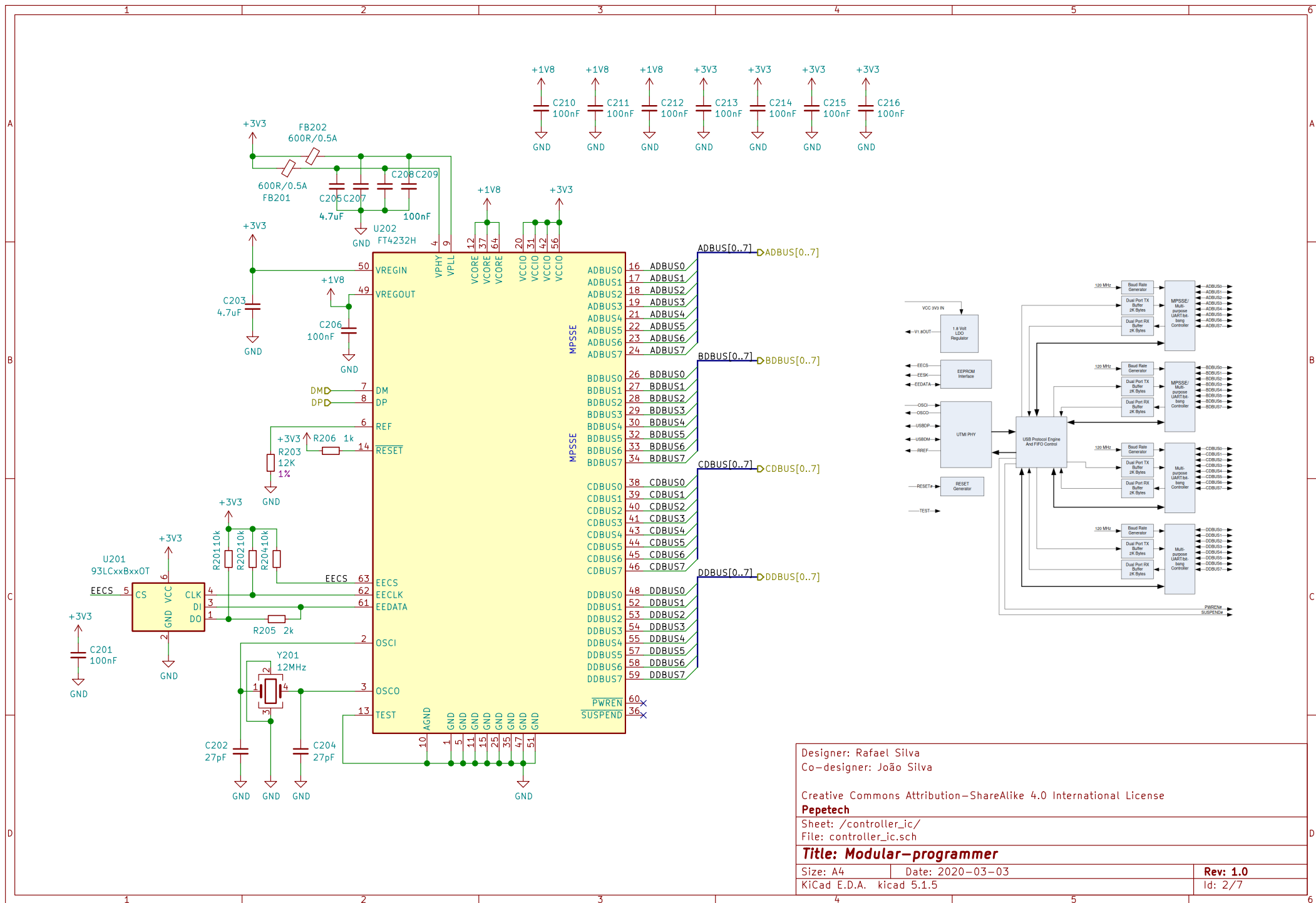
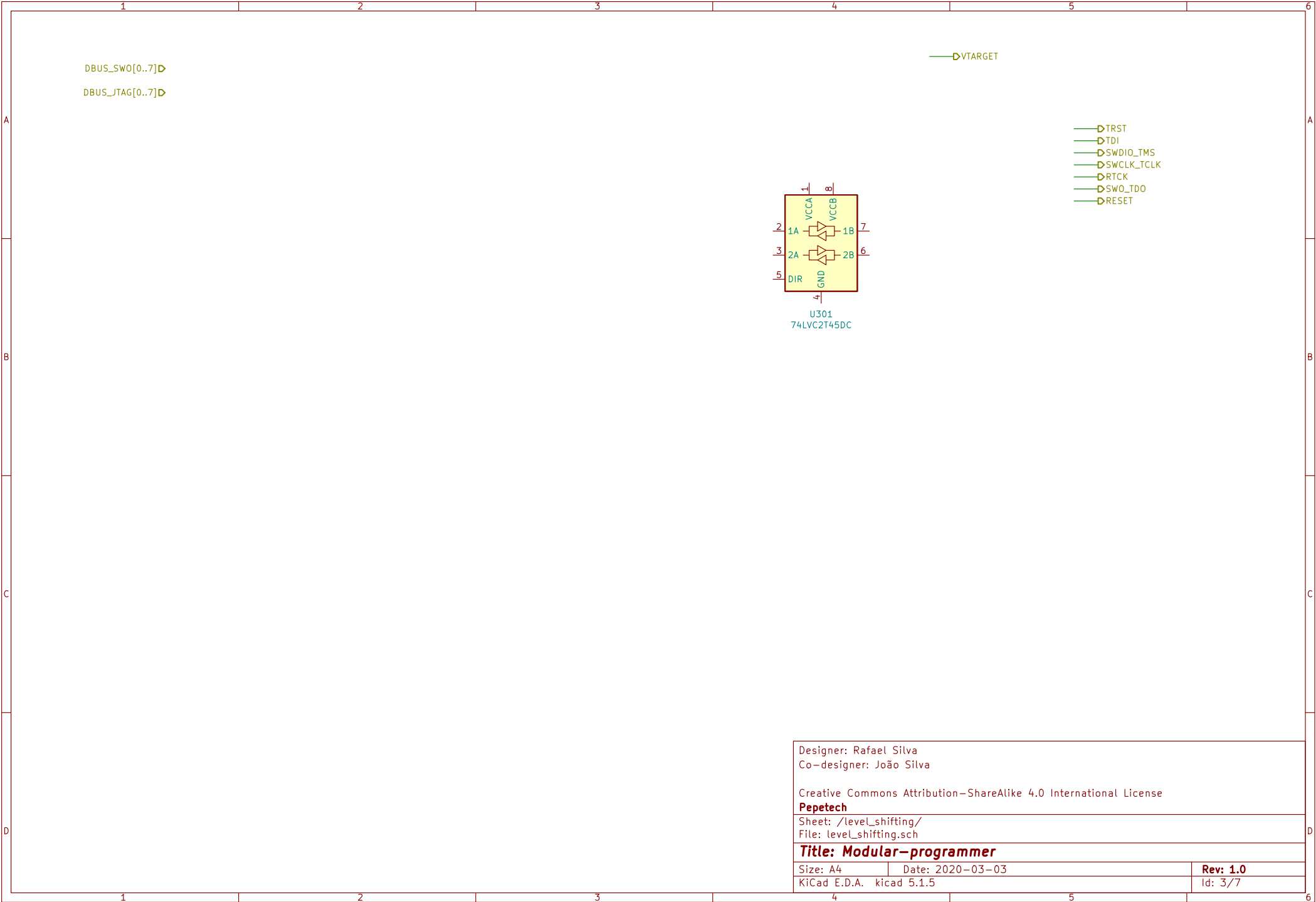
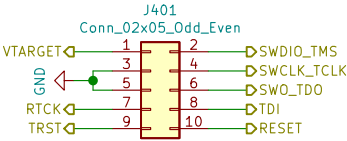


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PePETech		
Sheet: /		
File: pcb.sch		
Title: Modular-programmer		
Size: A4	Date: 2020-03-03	Rev: 1.0
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20-PIN JTAG/SW Interface

VCC	1	<input type="checkbox"/>	<input type="checkbox"/>	2	VCC (optional)
TRST	3	<input type="checkbox"/>	<input type="checkbox"/>	4	GND
TDI	5	<input type="checkbox"/>	<input type="checkbox"/>	6	GND
SWDIO / TMS	7	<input type="checkbox"/>	<input type="checkbox"/>	8	GND
SWCLK / TCLK	9	<input type="checkbox"/>	<input type="checkbox"/>	10	GND
RTCK	11	<input type="checkbox"/>	<input type="checkbox"/>	12	GND
SWO / TDO	13	<input type="checkbox"/>	<input type="checkbox"/>	14	GND
RESET	15	<input type="checkbox"/>	<input type="checkbox"/>	16	GND
N/C	17	<input type="checkbox"/>	<input type="checkbox"/>	18	GND
N/C	19	<input type="checkbox"/>	<input type="checkbox"/>	20	GND

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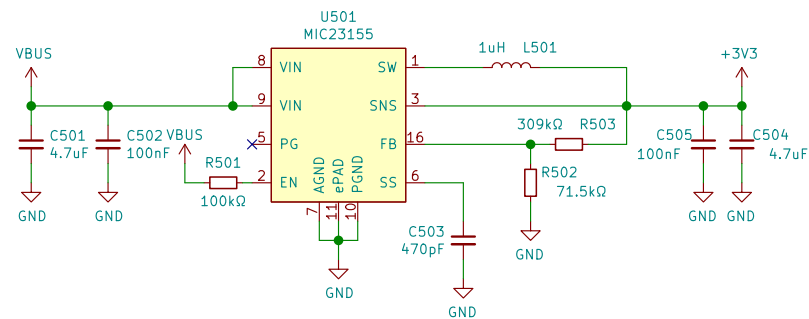
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Switched Power Regulator



V _{out}	R1	R2
1.2V	274k	294k
1.5V	316k	221k
1.8V	301k	158k
2.5V	324k	107k
3.3V	309k	71.5k

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File: power.sch

Title: Modular-programmer

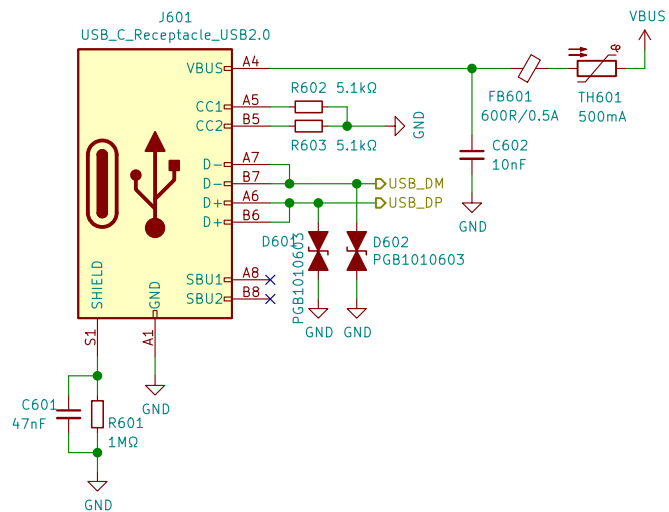
Size: A4 Date: 2020-03-03

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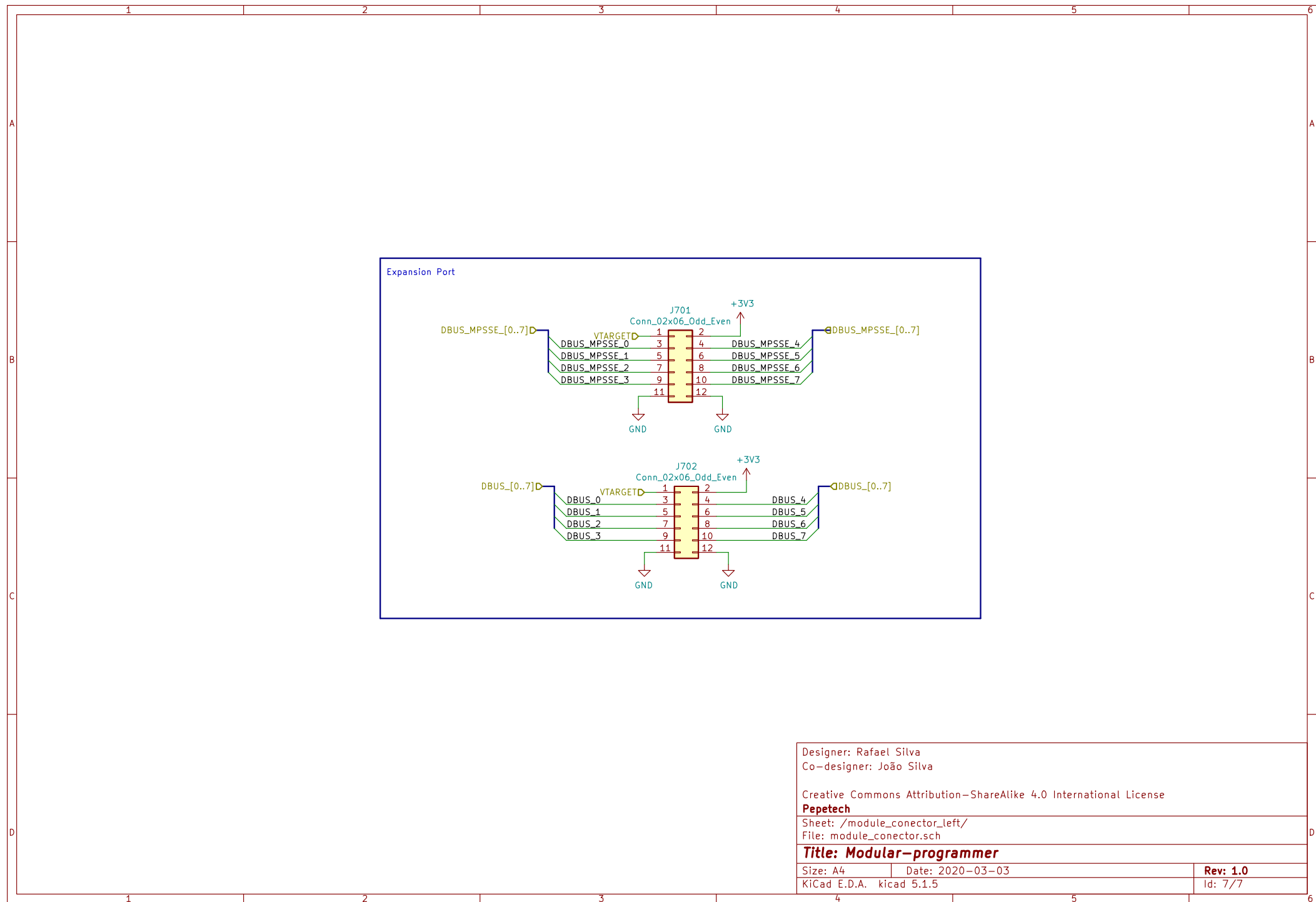
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USB C power and data



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Sheet: /module_conector_left/		
File: module_conector.sch		
Title: Modular-programmer		
Size: A4	Date: 2020-03-03	Rev: 1.0
KiCad E.D.A. kicad 5.1.5		Id: 7/7