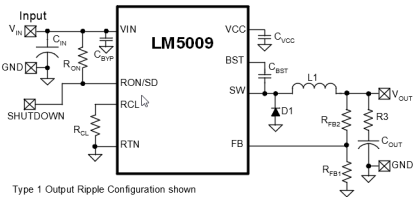
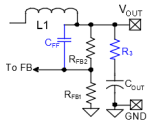


Typical Application, Basic Step-Down Regulator



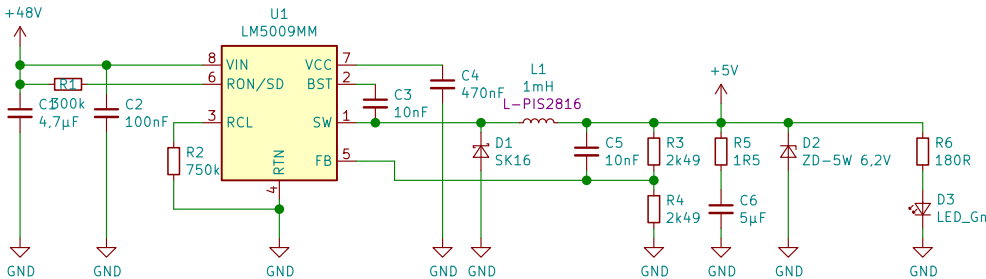
Type 1 Output Ripple Configuration shown

Type 2
Reduced Ripple
Configuration



Step 9: Summary			
R_{FB}	=	2.49	kohms
R_{FB2}	=	2.49	kohms
R_1	=	300	kohms
L_1	=	1000	uH
R_{CL}	=	750	kohms
Output Ripple Configuration			
		Type 2	
R_3	=	1.5	Ohms
C_{FB}	=	10000	pF
C_{OUT}	=	5	uF
C_{IN}	=	3.3	uF
C_{BST}	=	0.1	uF
C_{RST}	=	0.47	uF
C_{BST}	=	0.01	uF
V_{OUT}	=	5.00	Volts
Nominal Switching Frequency	=	133	kHz

Notes: 1) Values shown for C_{RST} , C_{BST} , and C_{OUT} are default values, and do not require calculation.



Sheet: /Supply/
File: Supply.sch

Title:

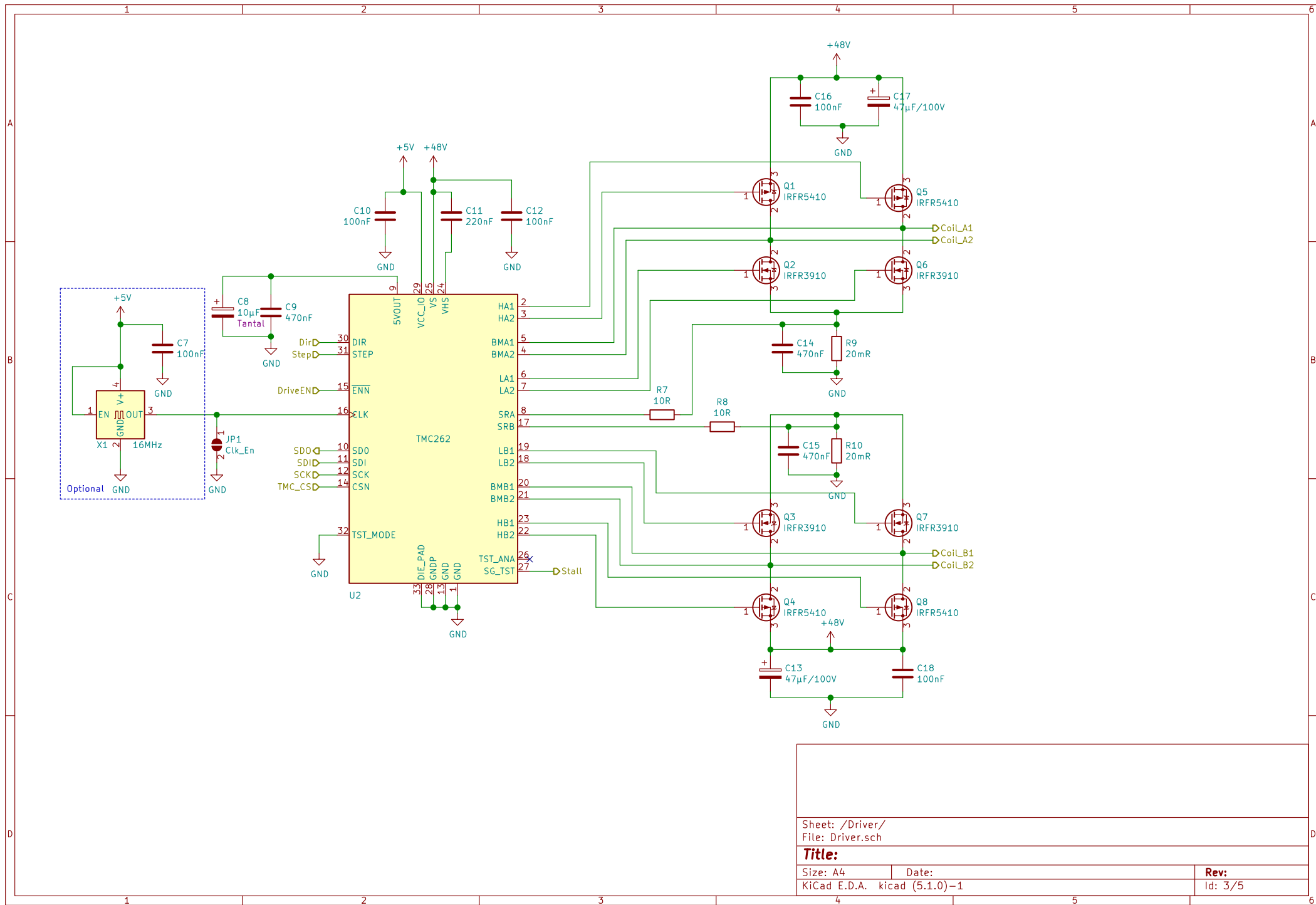
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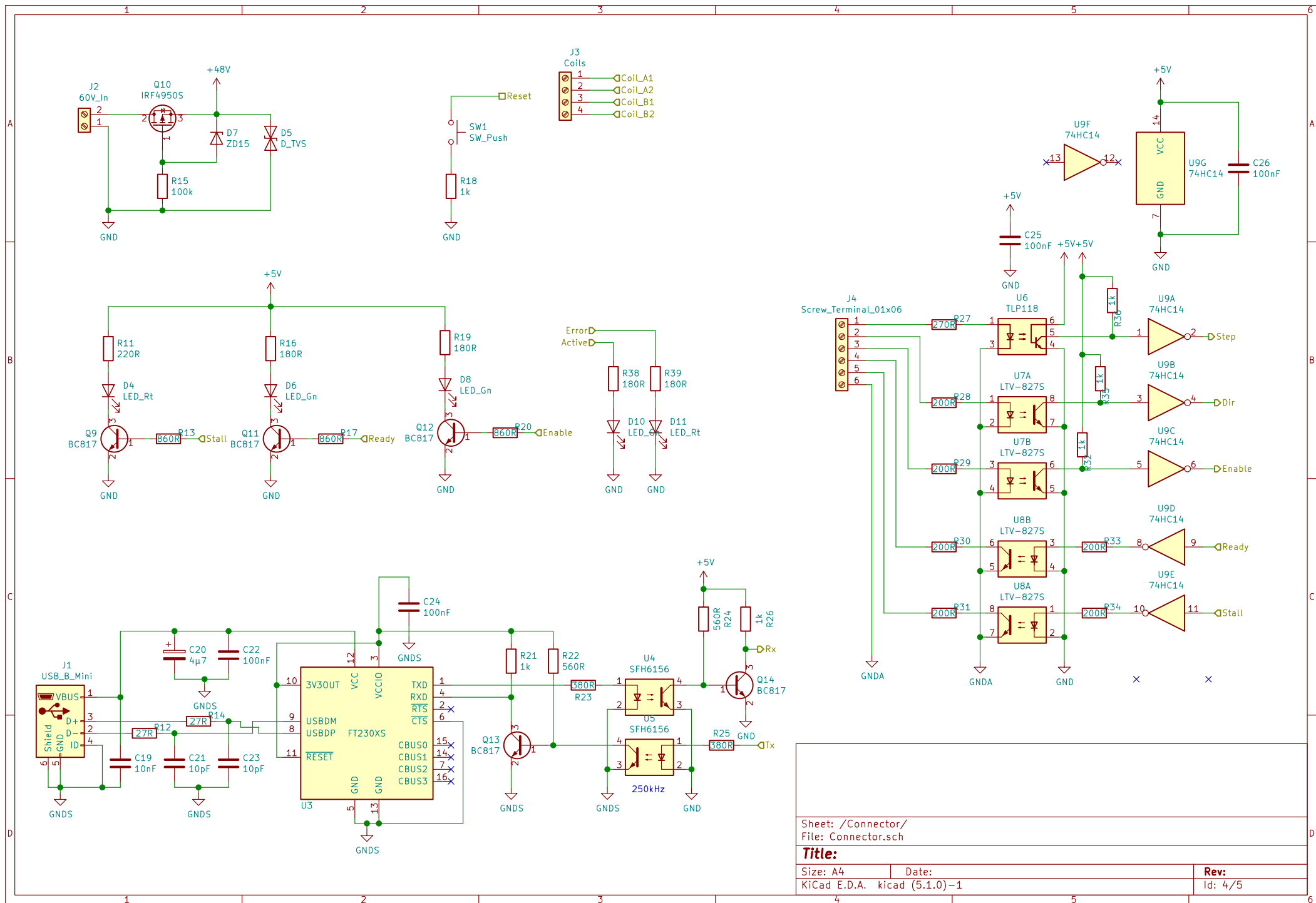
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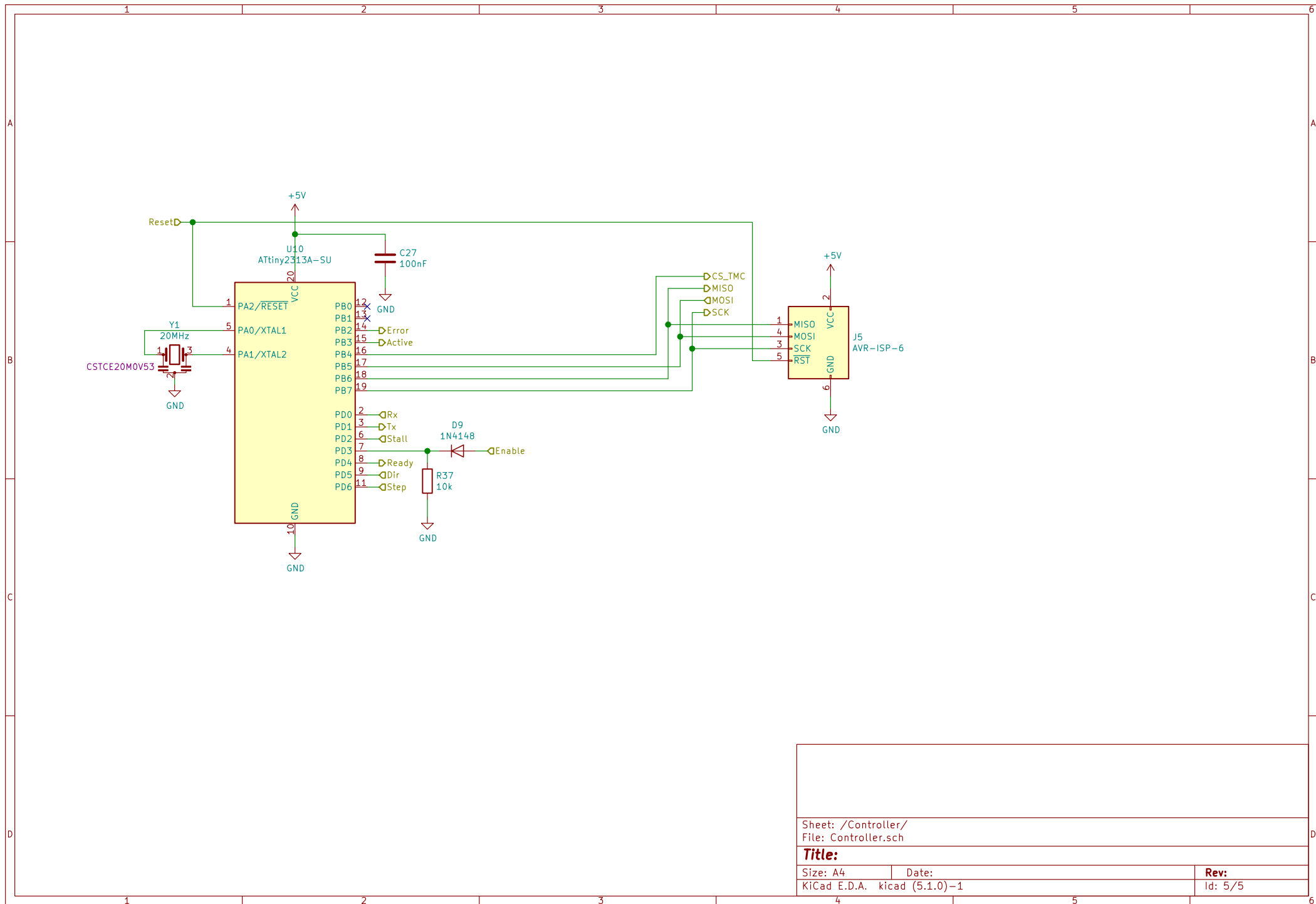
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Sheet: /Controller/
File: Controller.sch

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Size: A4

Date:

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