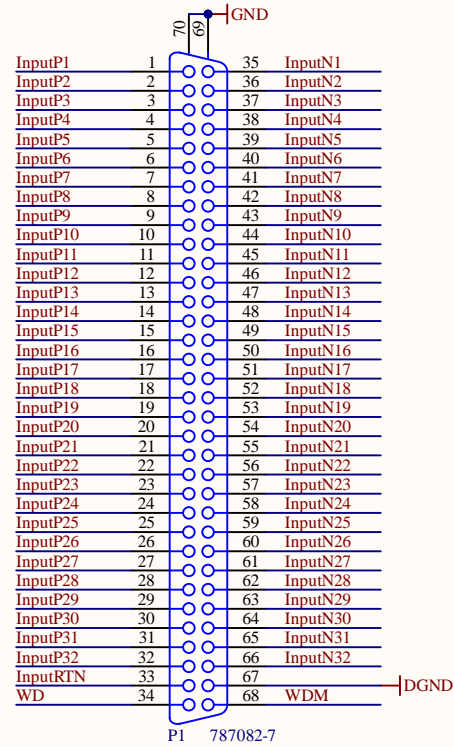
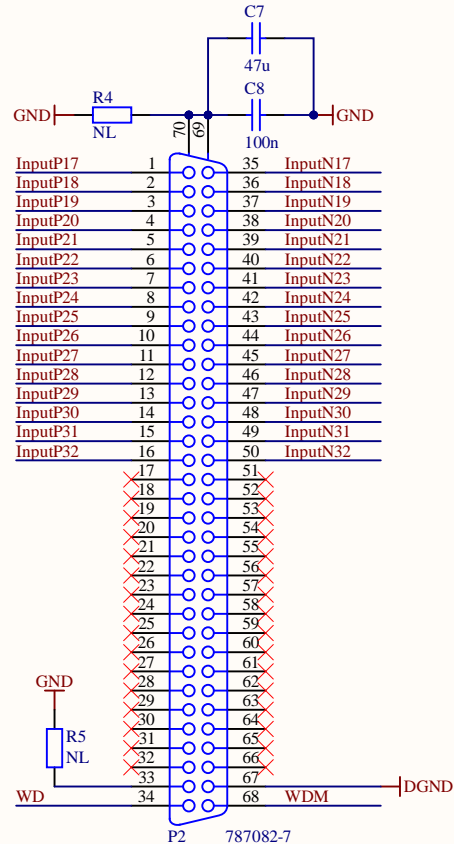


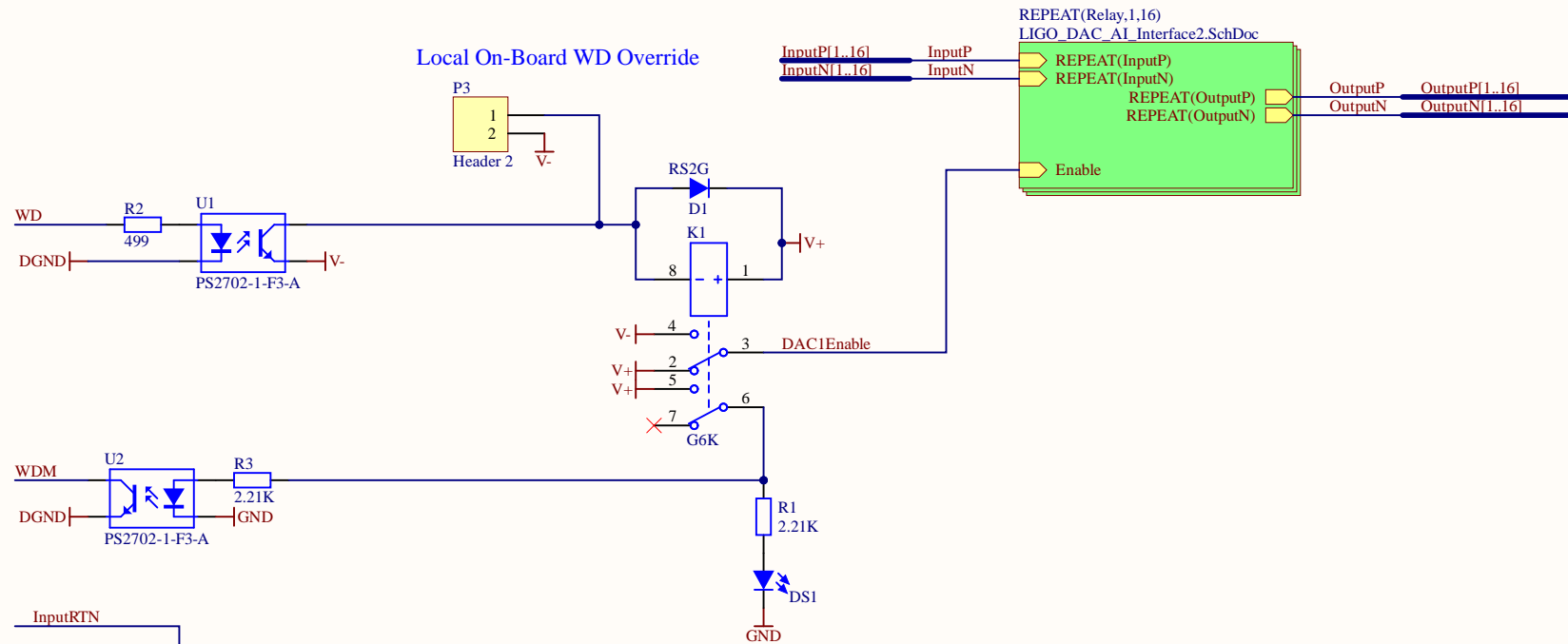
# Inputs from DAC Adapter



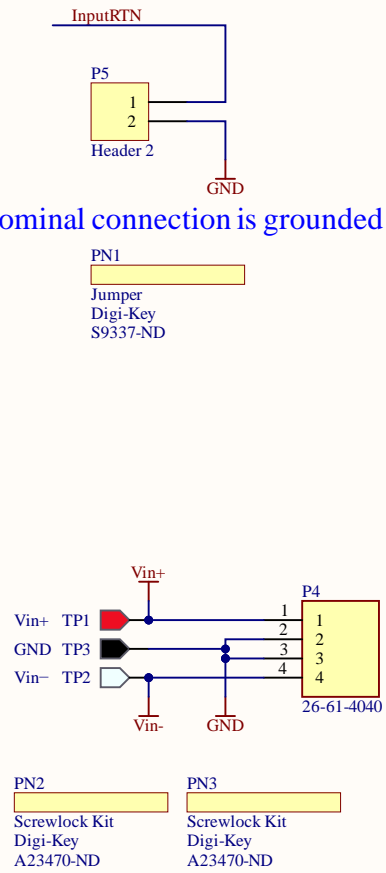
# Outputs to next AI Interface



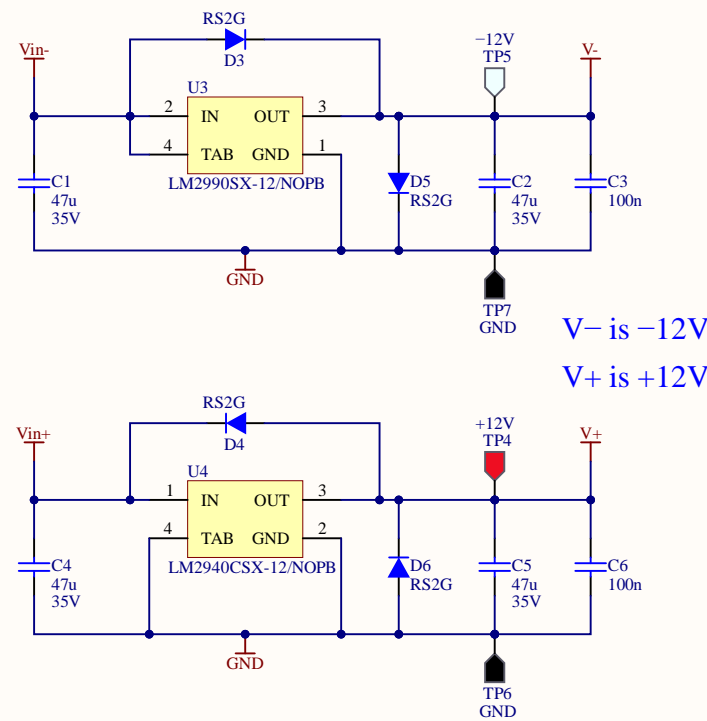
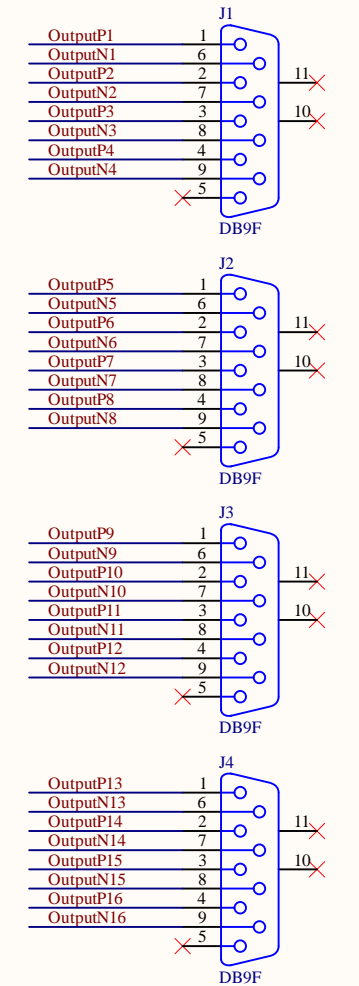
## Local On-Board WD Override



## Nominal connection is grounded



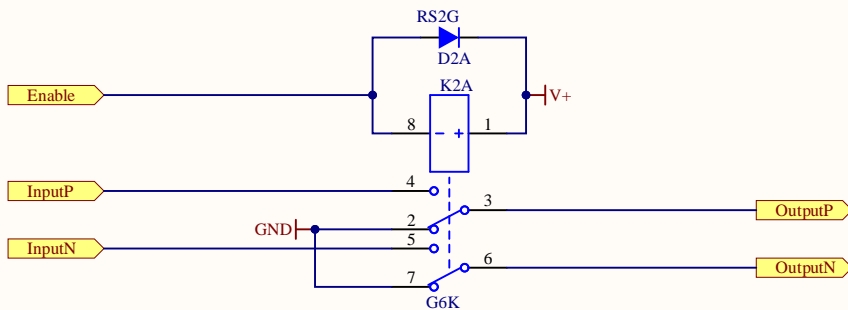
# Outputs to AI Boards




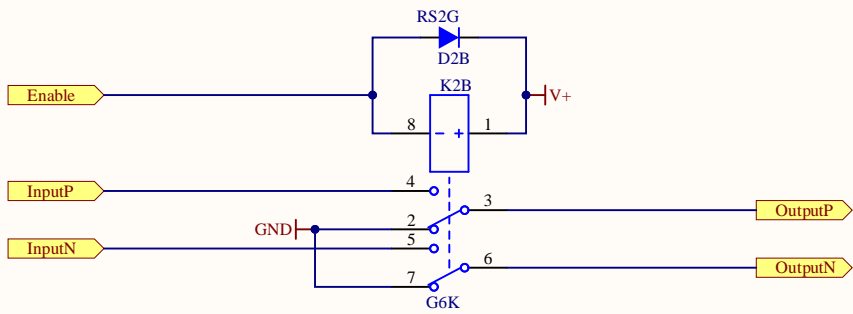
Board standoff height is either 7/16" or 1/2".  
Use standoff Digi-Key SRLCBS-7-01-ND with rivet SR-4060W-ND,  
or standoff Digi-Key SRLCBS-8-01-ND with rivet SR-4060W-ND.


Rear panel is LIGO D2400308-v1.

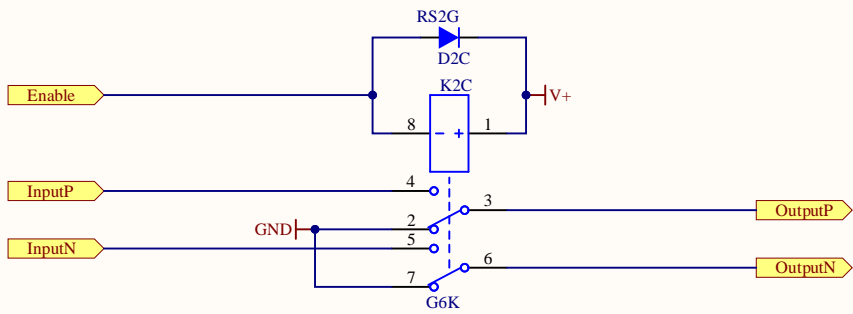
Project <b>LIGO DAC AI Interface Board</b>		LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology National Science Foundation	
Sheet Title <b>Watchdog Logic</b>		LIGO	
Size: <b>B</b>	DCC <b>D2400023</b>	Rev: <b>v1</b>	
Date: 9/5/2024	Time: 2:38:58 PM	Sheet: 1 of 2	DrawnBy: Daniel Sigg
File: LIGO_DAC_AI_Interface1.SchDoc			




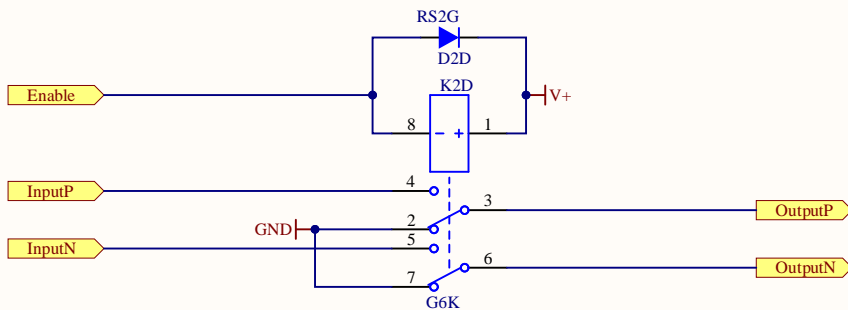
Project <b>LIGO DAC AI Interface Board</b>			LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology National Science Foundation
Sheet Title <b>Signal Relays</b>			
Size: <b>A</b>	DCC <b>D2400023</b>	Rev: <b>v1</b>	
Date: <b>9/5/2024</b>	Time: <b>2:38:59 PM</b>	Sheet: <b>2</b> of <b>2</b>	
File: <b>LIGO_DAC_AI_Interface2.SchDoc</b>			




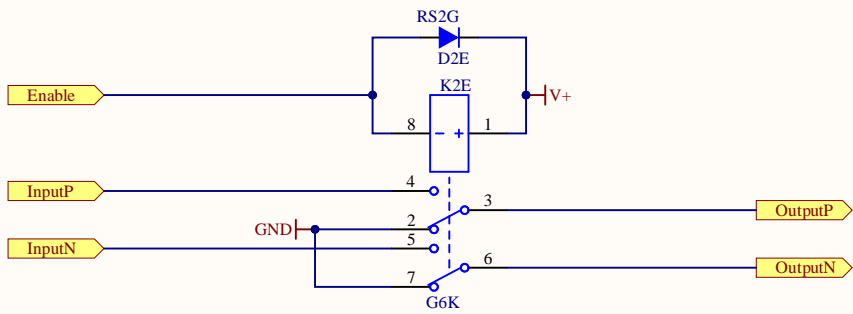
Project <b>LIGO DAC AI Interface Board</b>			LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology National Science Foundation
Sheet Title <b>Signal Relays</b>			
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Date: <b>9/5/2024</b>	Time: <b>2:38:59 PM</b>	Sheet: <b>2</b> of <b>2</b>	
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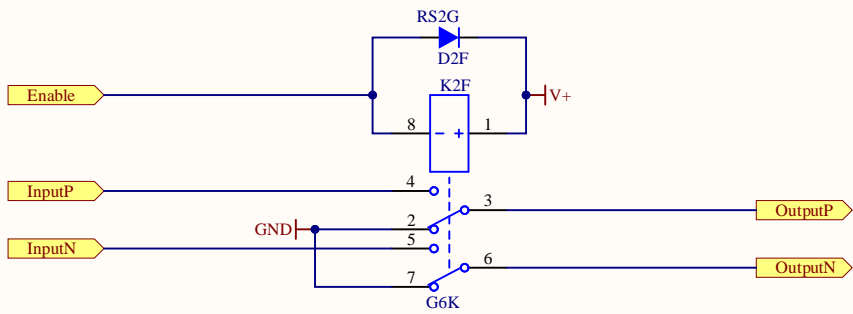
Project <b>LIGO DAC AI Interface Board</b>			LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology National Science Foundation
Sheet Title <b>Signal Relays</b>			
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Date: <b>9/5/2024</b>	Time: <b>2:38:59 PM</b>	Sheet: <b>2</b> of <b>2</b>	
File: <b>LIGO_DAC_AI_Interface2.SchDoc</b>			



Project <b>LIGO DAC AI Interface Board</b>			LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology National Science Foundation
Sheet Title <b>Signal Relays</b>			
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Date: <b>9/5/2024</b>	Time: <b>2:38:59 PM</b>	Sheet: <b>2</b> of <b>2</b>	
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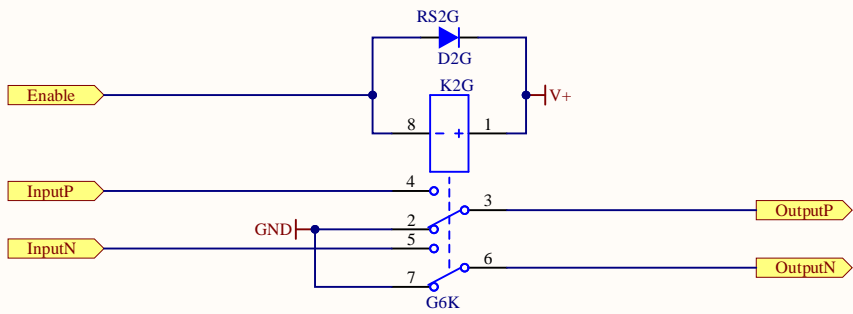



Project <b>LIGO DAC AI Interface Board</b>			LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology National Science Foundation
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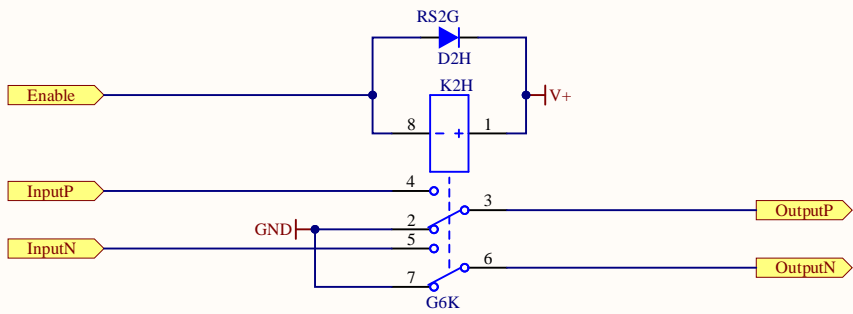
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Date: <b>9/5/2024</b>	Time: <b>2:38:59 PM</b>	Sheet: <b>2</b> of <b>2</b>	DrawnBy: <b>Daniel Sigg</b>
File: <b>LIGO_DAC_AI_Interface2.SchDoc</b>			





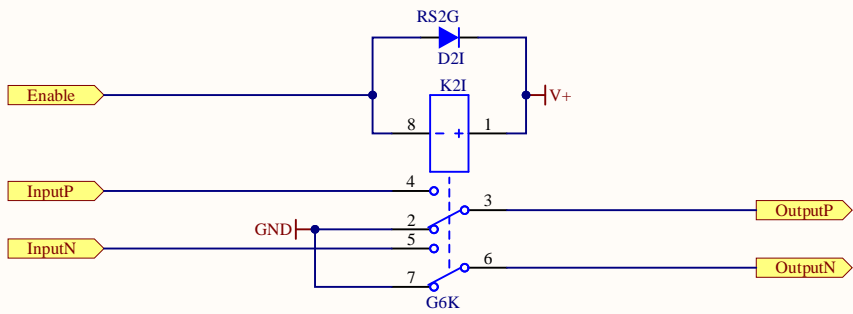
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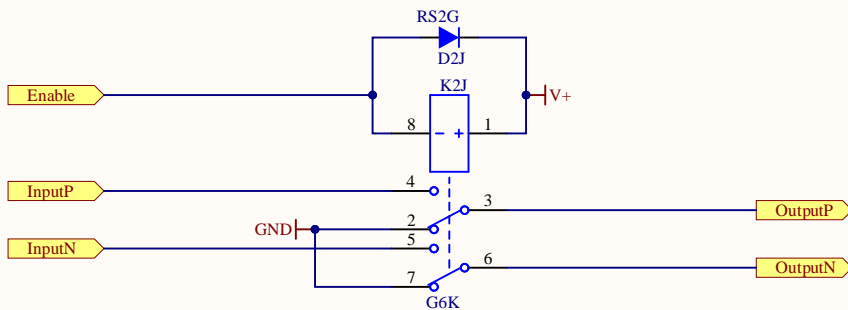
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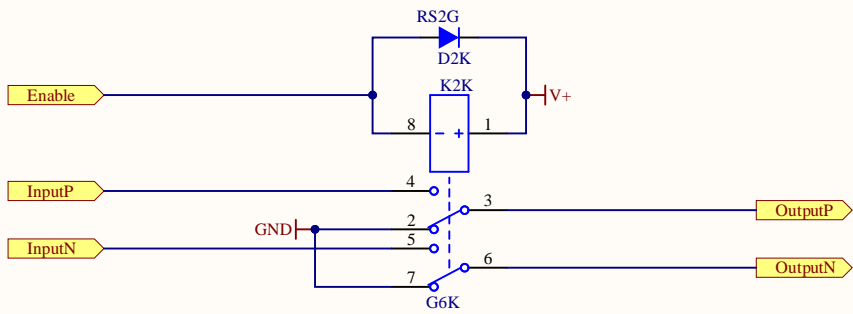



Project <b>LIGO DAC AI Interface Board</b>		LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology National Science Foundation	
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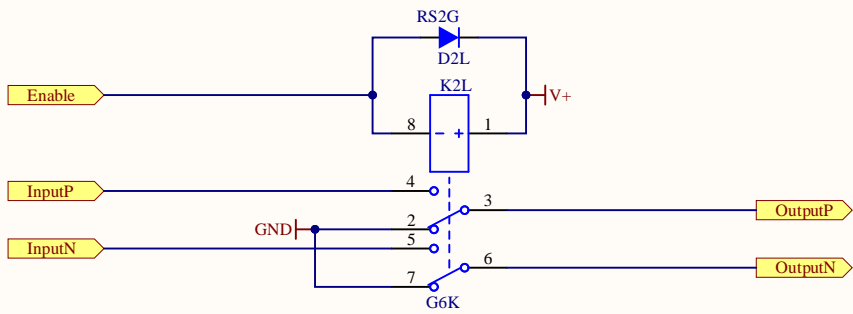





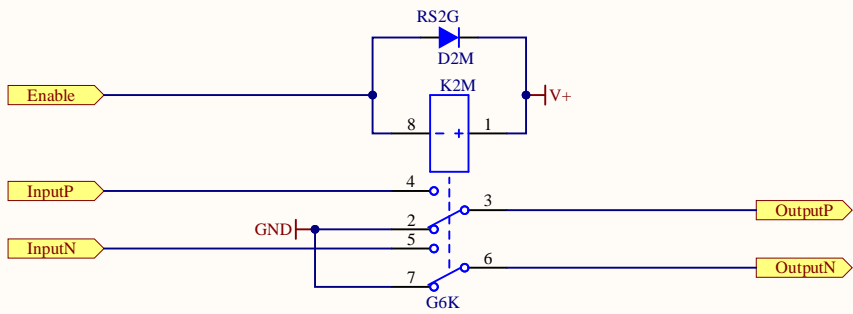
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Project <b>LIGO DAC AI Interface Board</b>			LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology National Science Foundation
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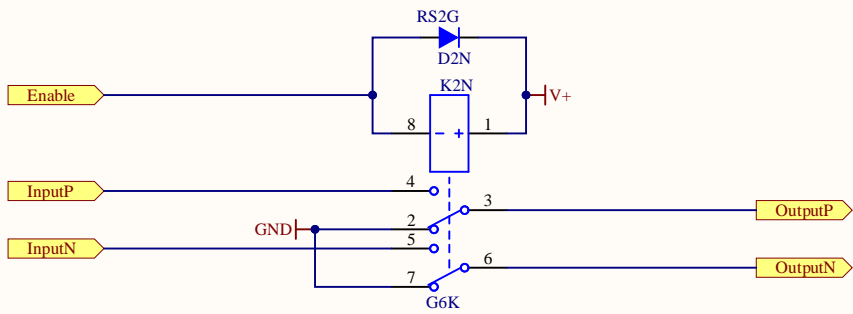


Project <b>LIGO DAC AI Interface Board</b>		LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology National Science Foundation	
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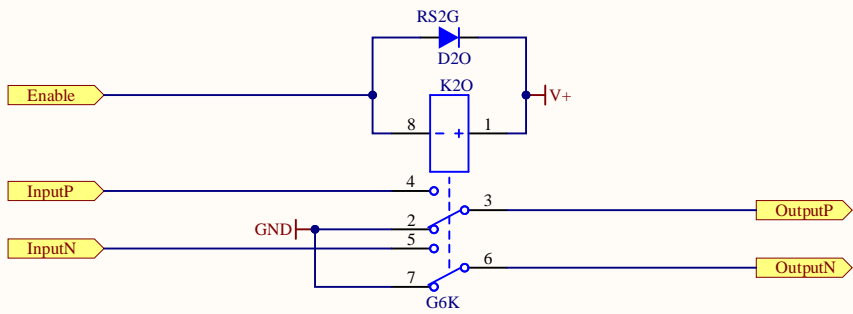
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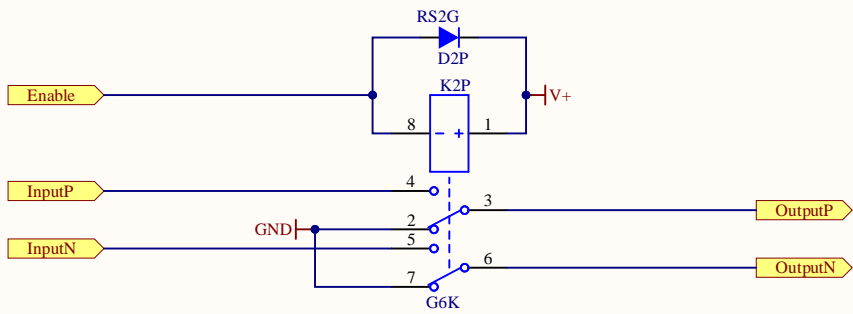
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Project <b>LIGO DAC AI Interface Board</b>			LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology National Science Foundation
Sheet Title <b>Signal Relays</b>			
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Project <b>LIGO DAC AI Interface Board</b>			LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology National Science Foundation
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