



Science Interface GUI (Ver. 1.0 8/08)

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Connector Pane

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Use this template to build a producer/consumer design pattern with events to produce queue items. Use this design pattern instead of the User Interface Event Handler pattern for user interfaces when you want to execute code asynchronously in response to an event without slowing the user interface responsiveness.

Front Panel

Outputs	Inputs	Ground Fault Mon.	Science Ports	
BLUE LED #1	BLUE LED #2	RED LED	WHITE LED	1
2	3	4	5	6
SPARE AO #1		SPARE AO #2		
Comms	Ground Fault 0	Temperature 30.5	Stop	
# elements in queue 0				



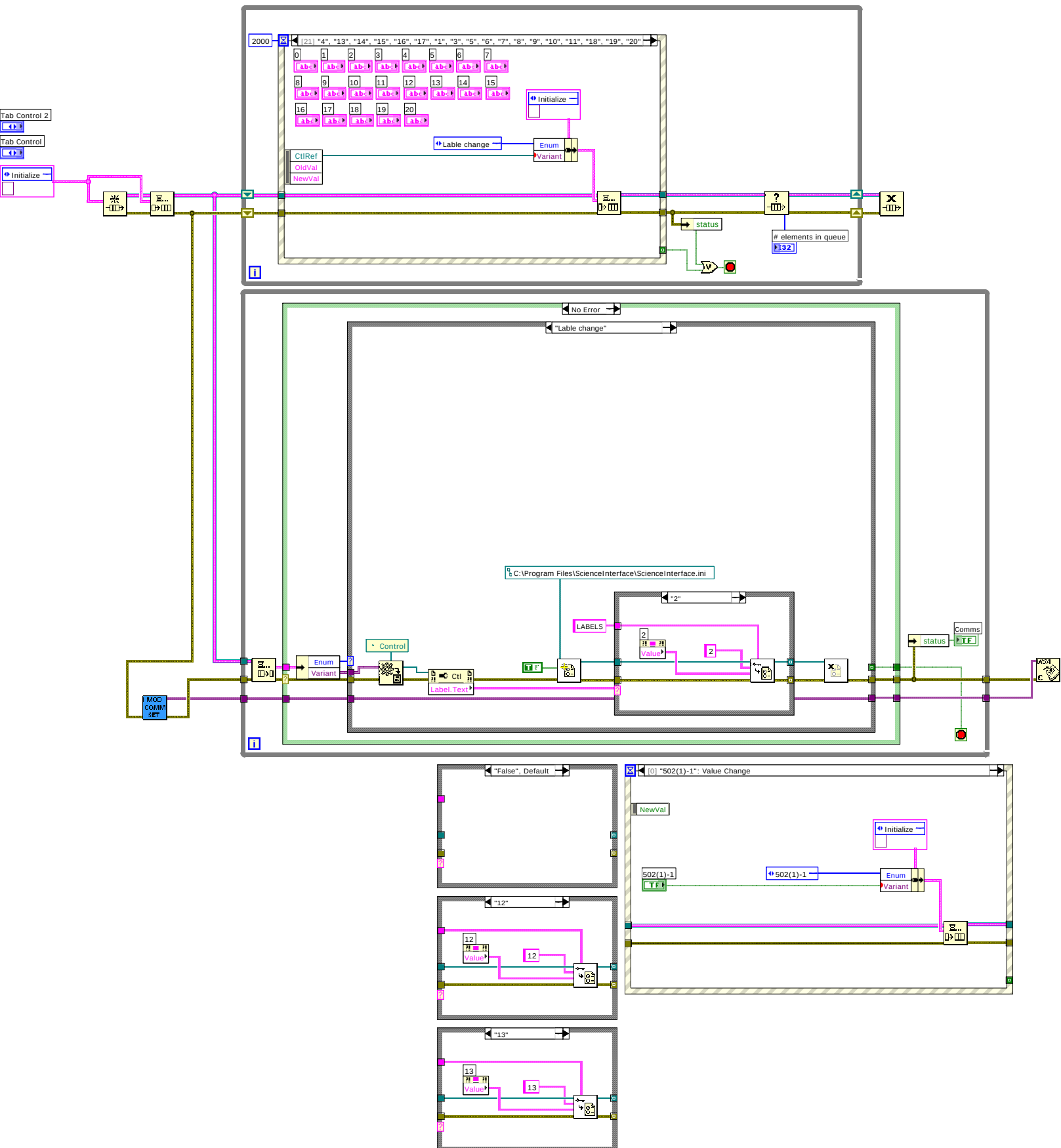
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Block Diagram





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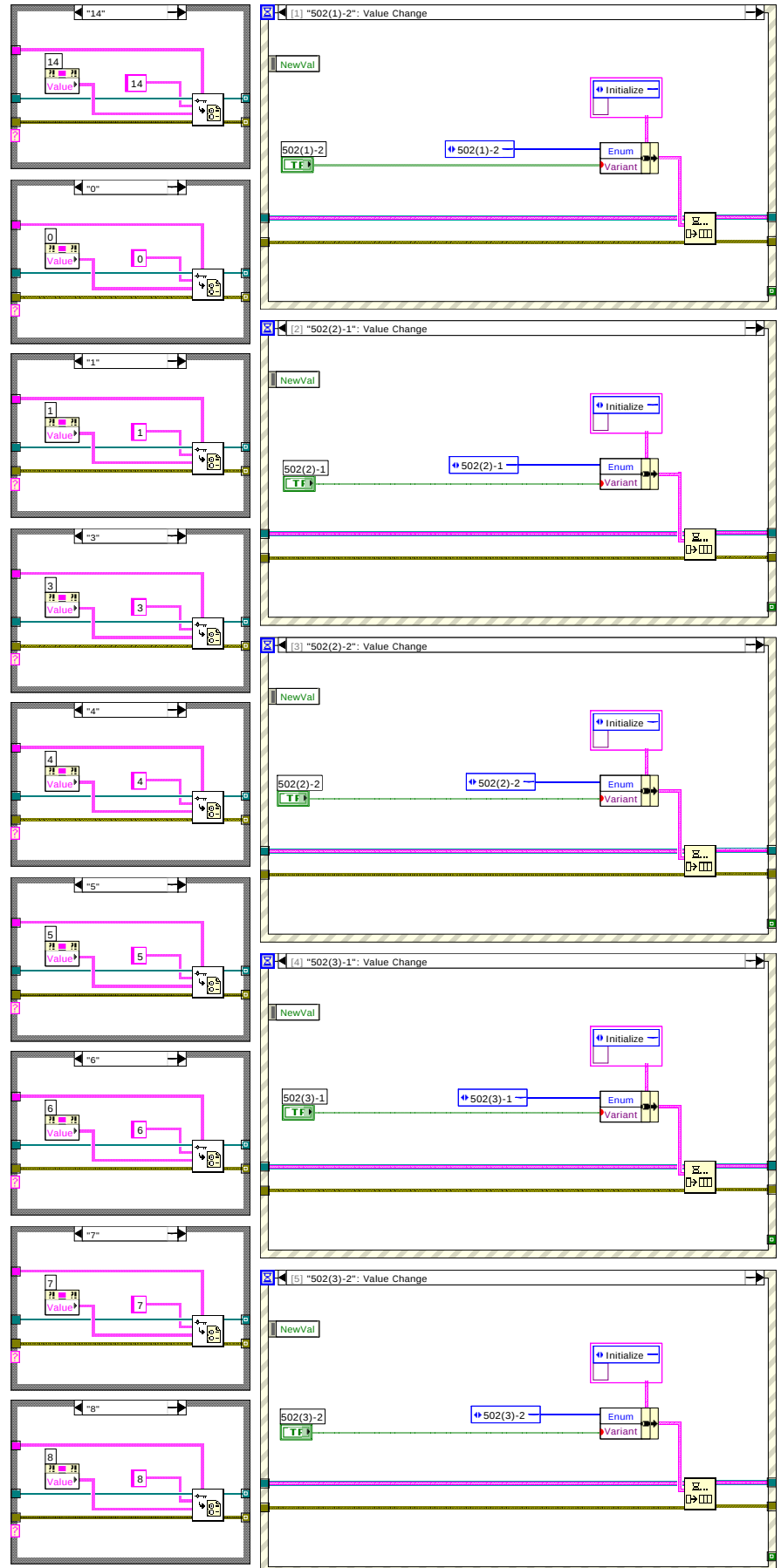


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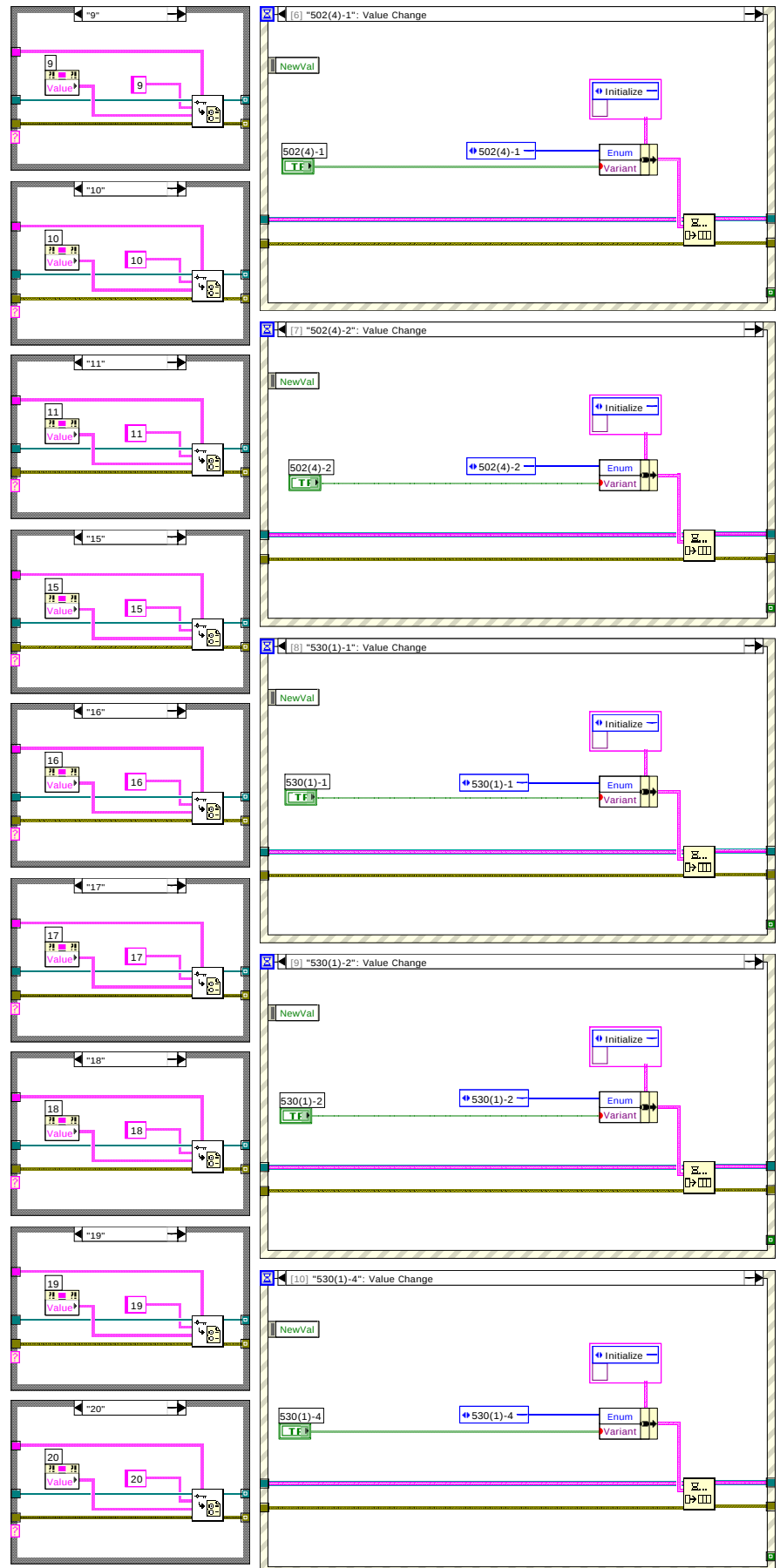


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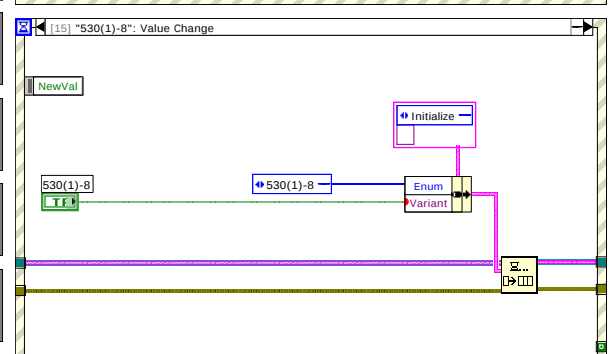
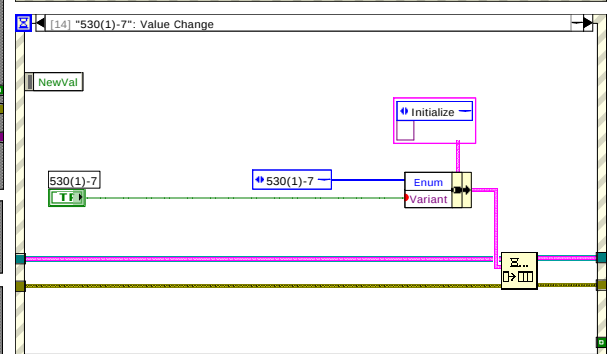
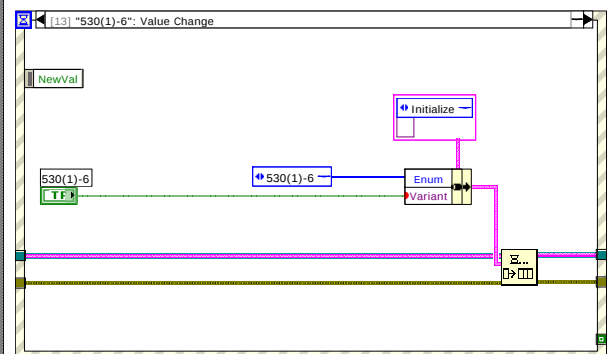
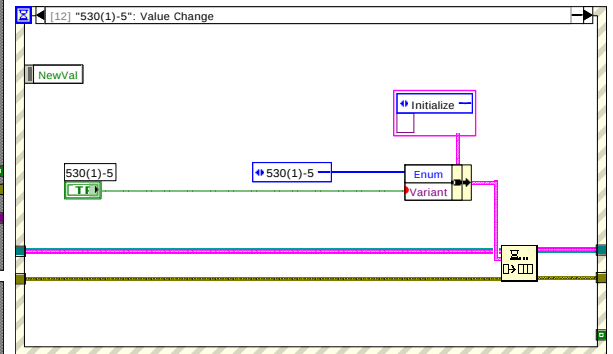
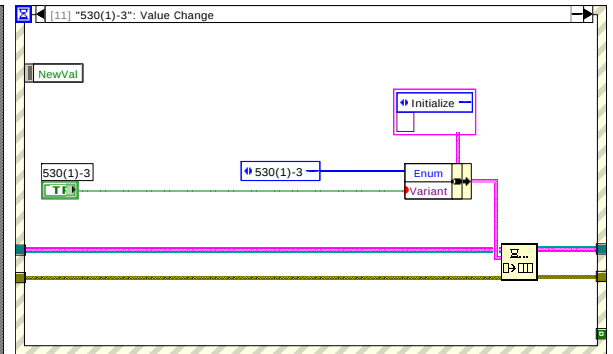
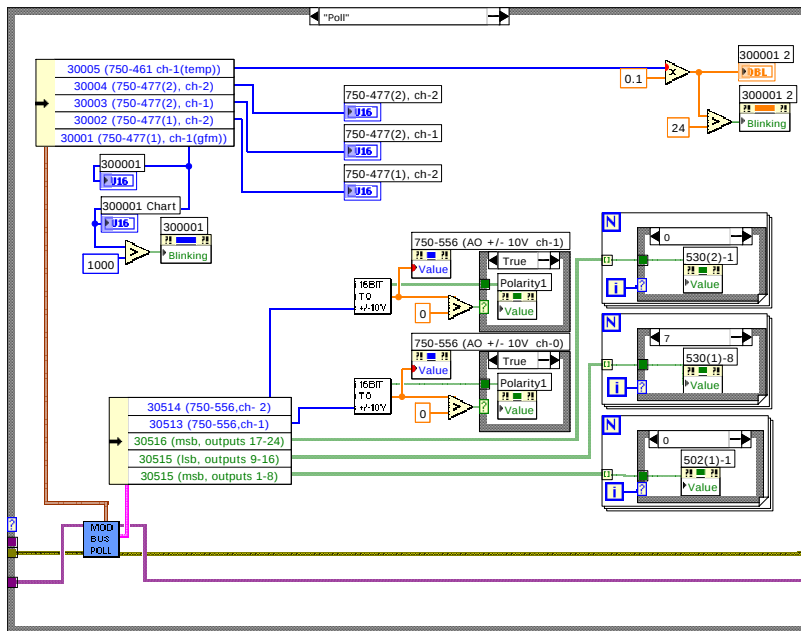
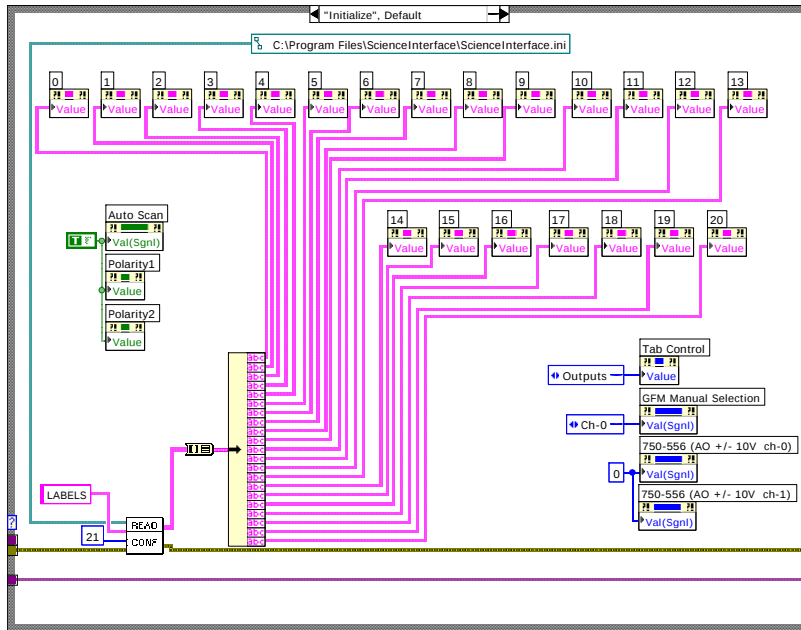


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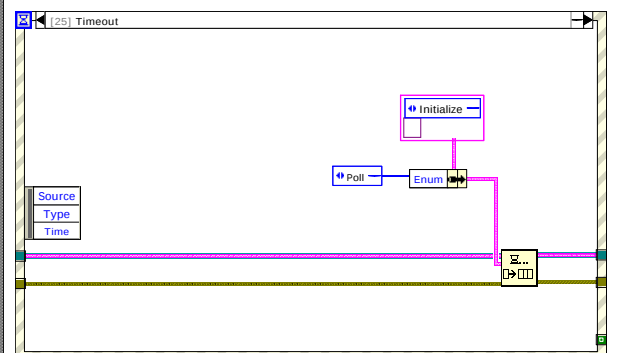
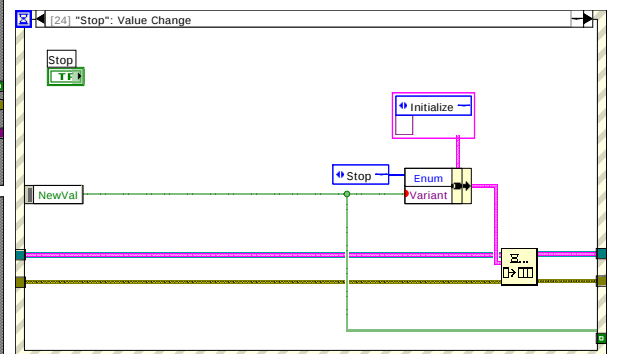
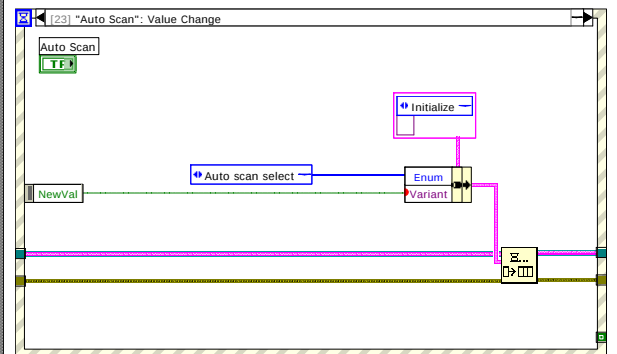
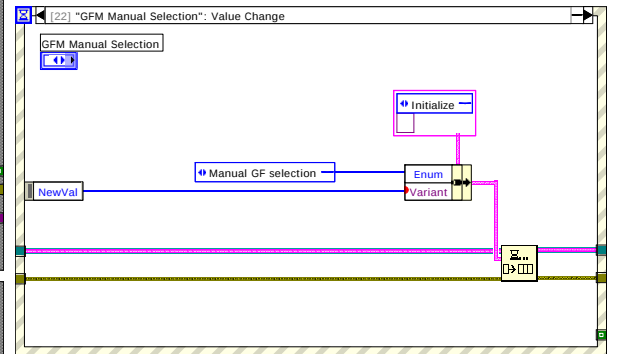
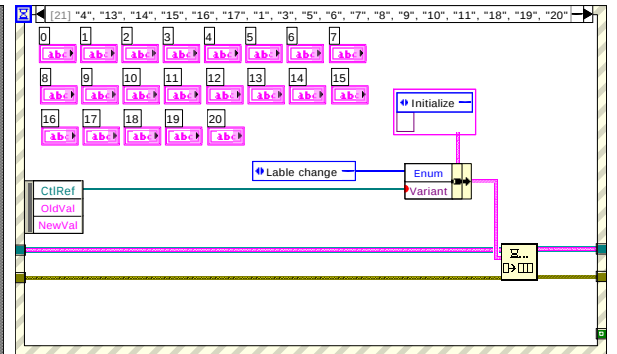
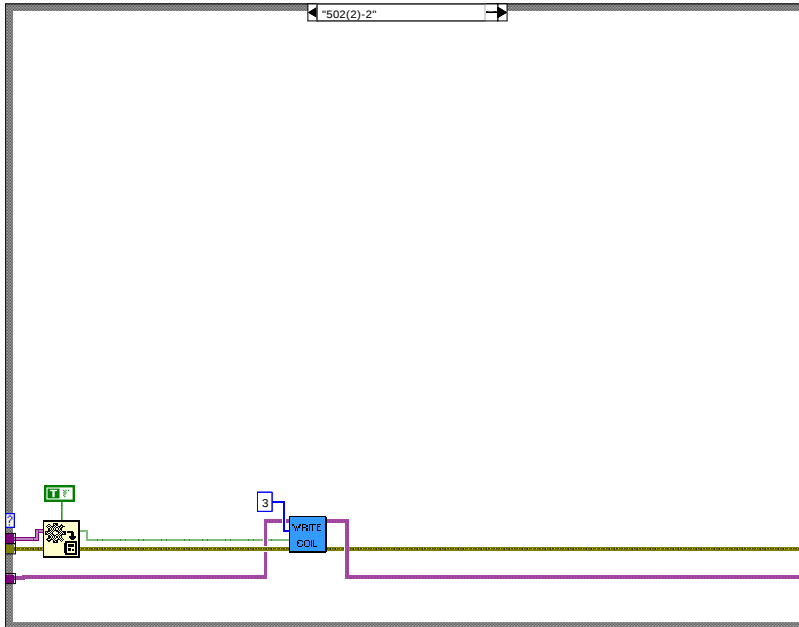
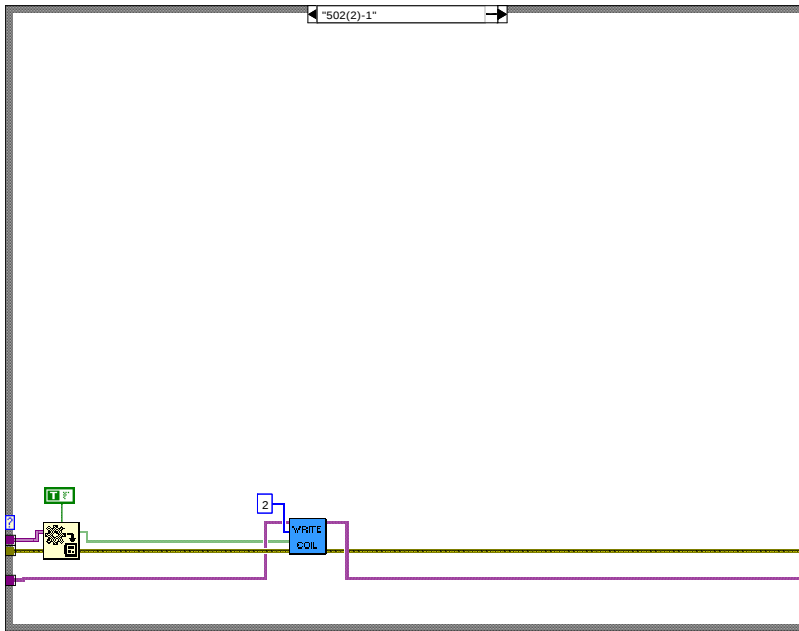
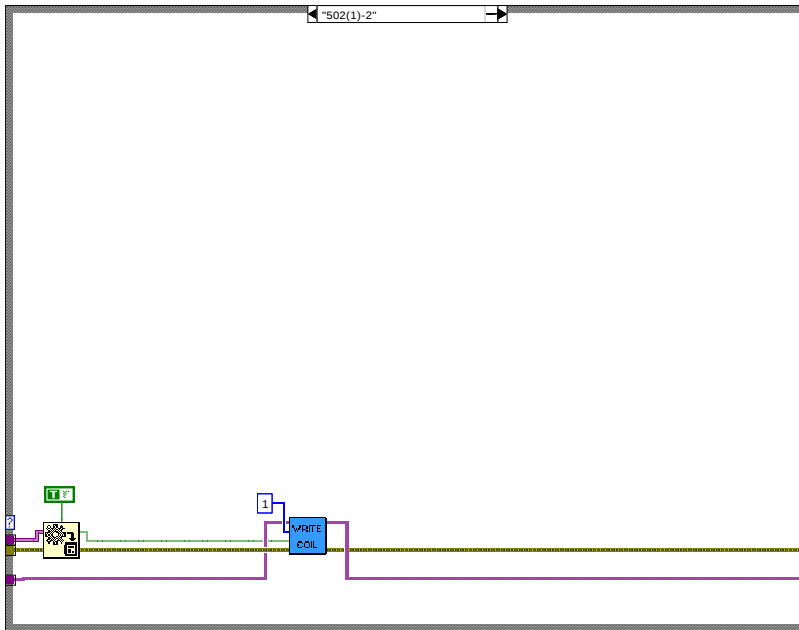


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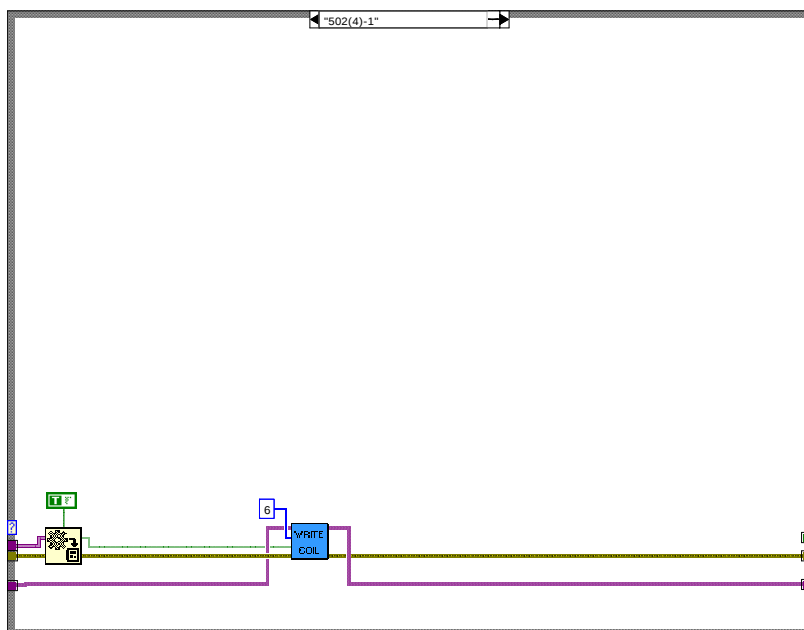
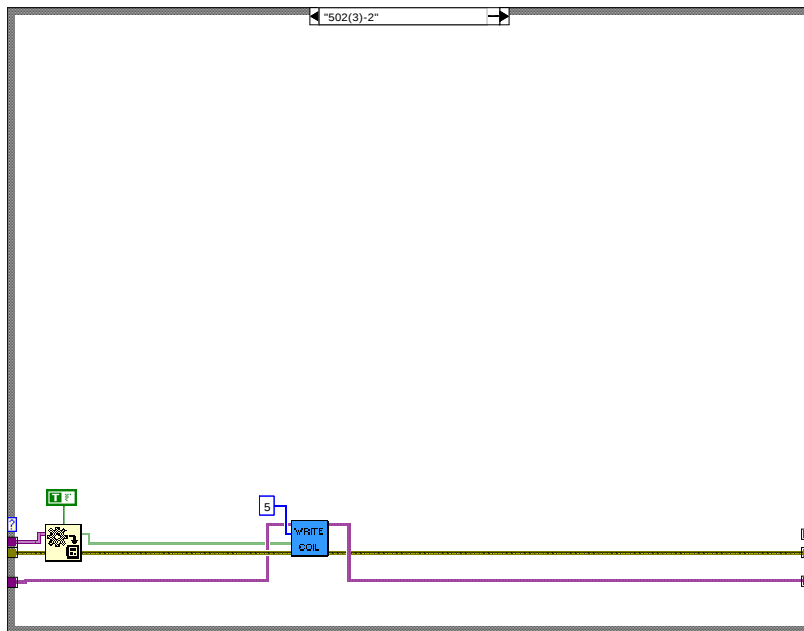
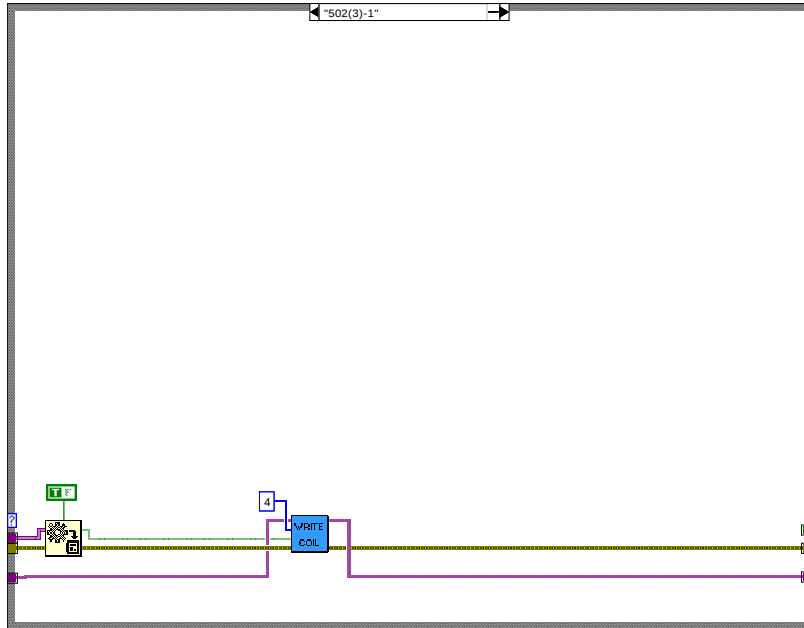
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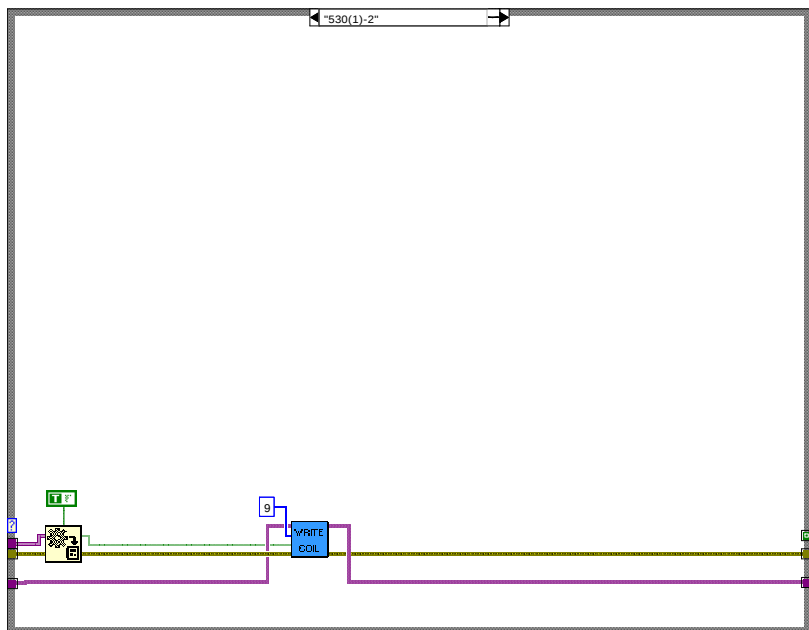
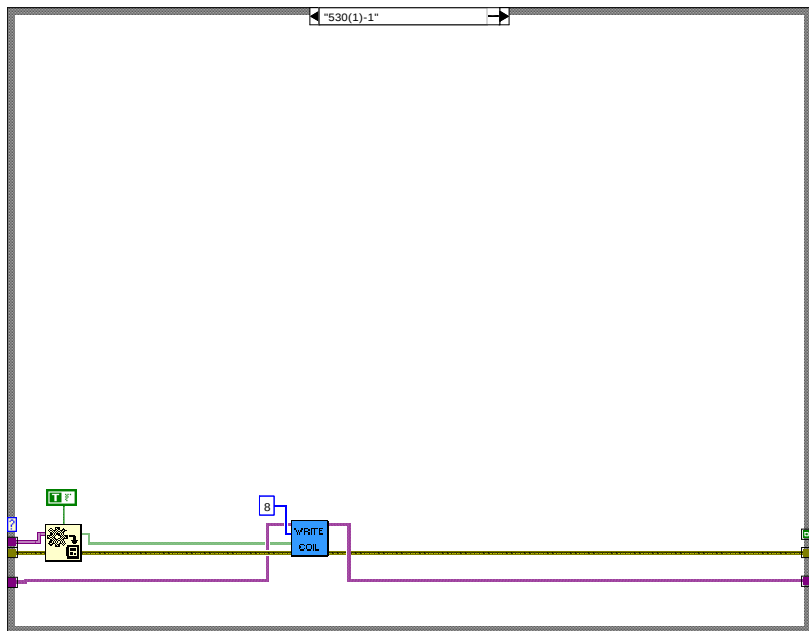
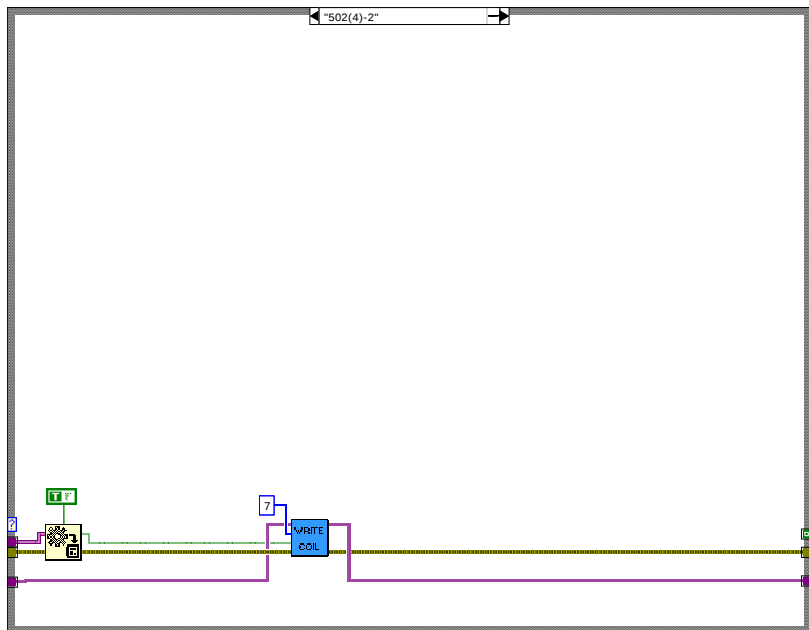
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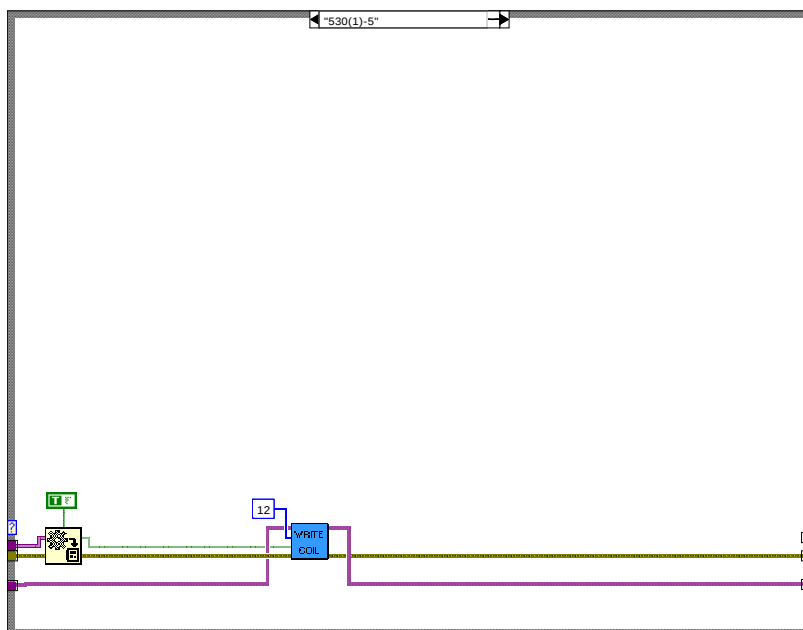
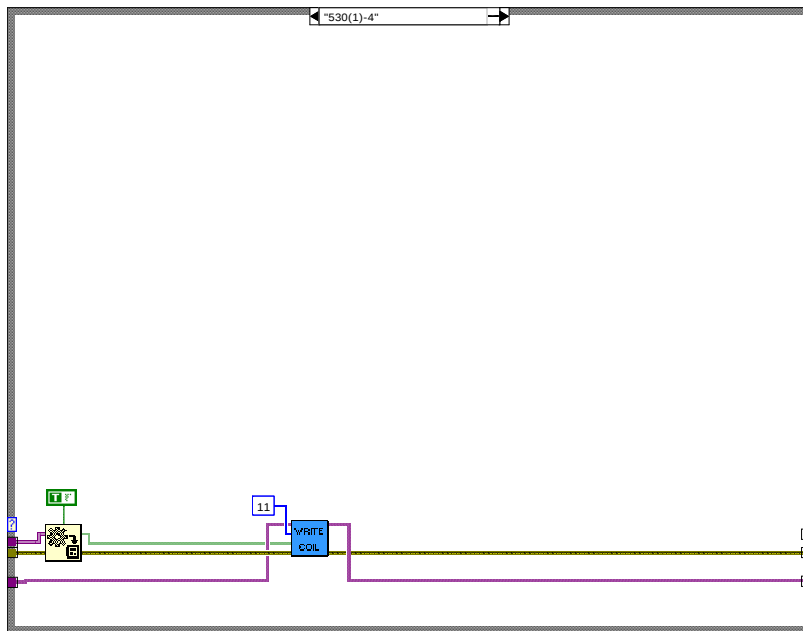
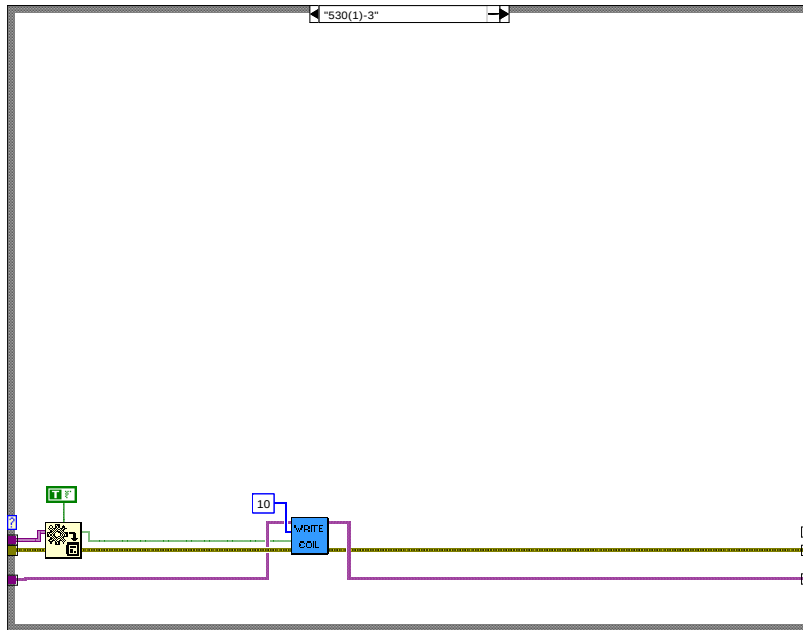


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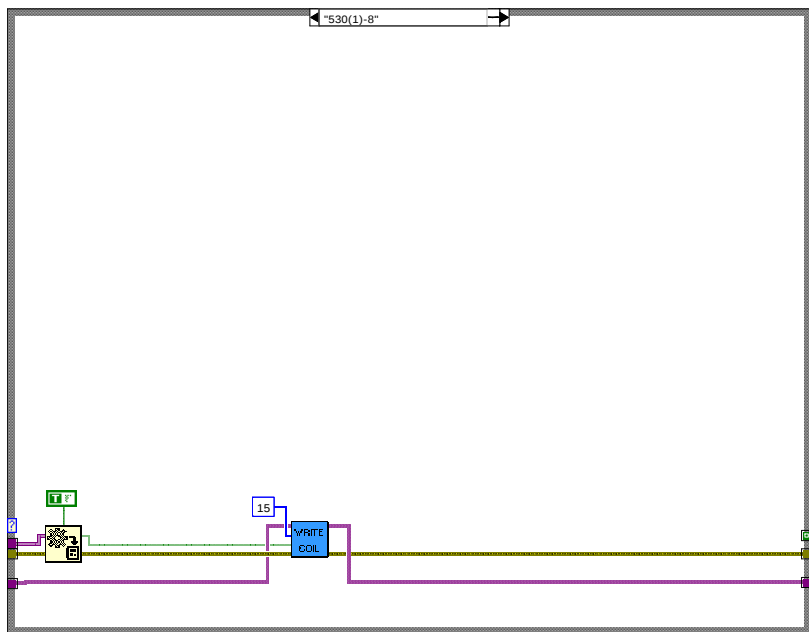
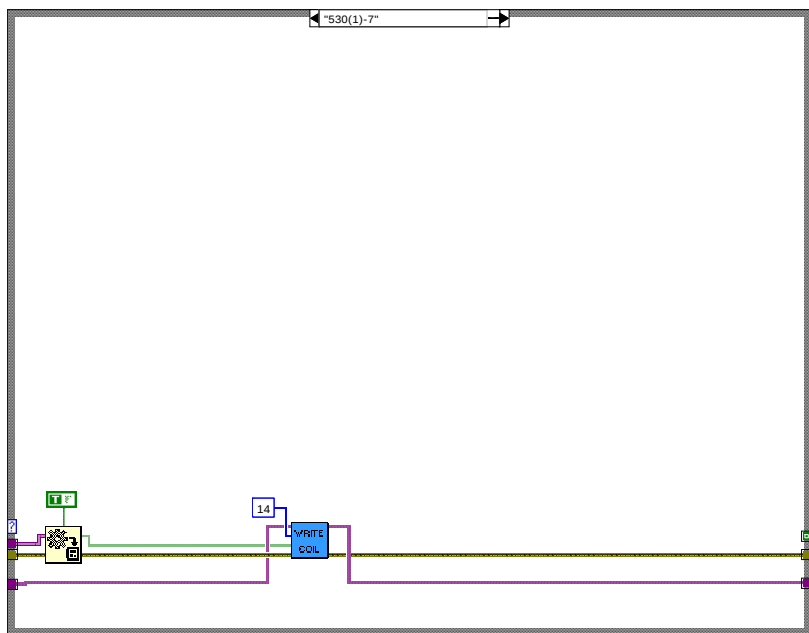
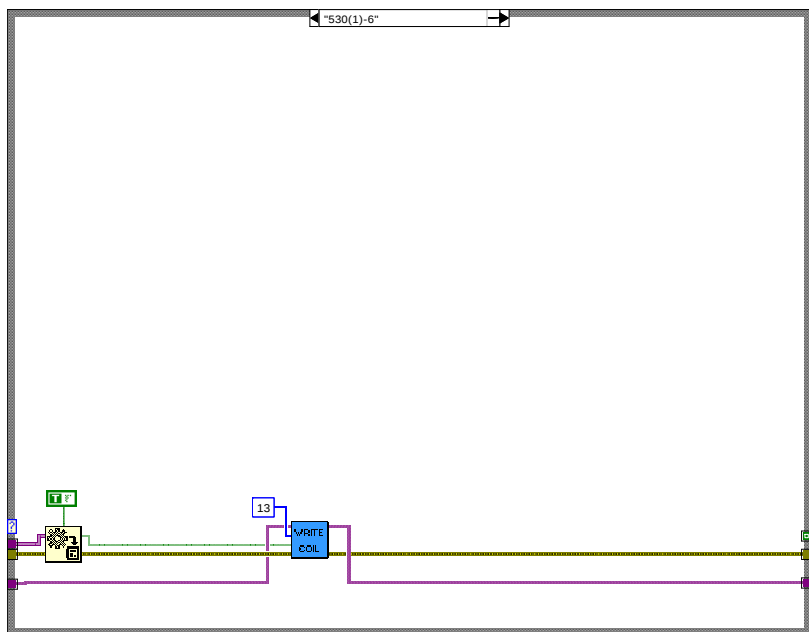


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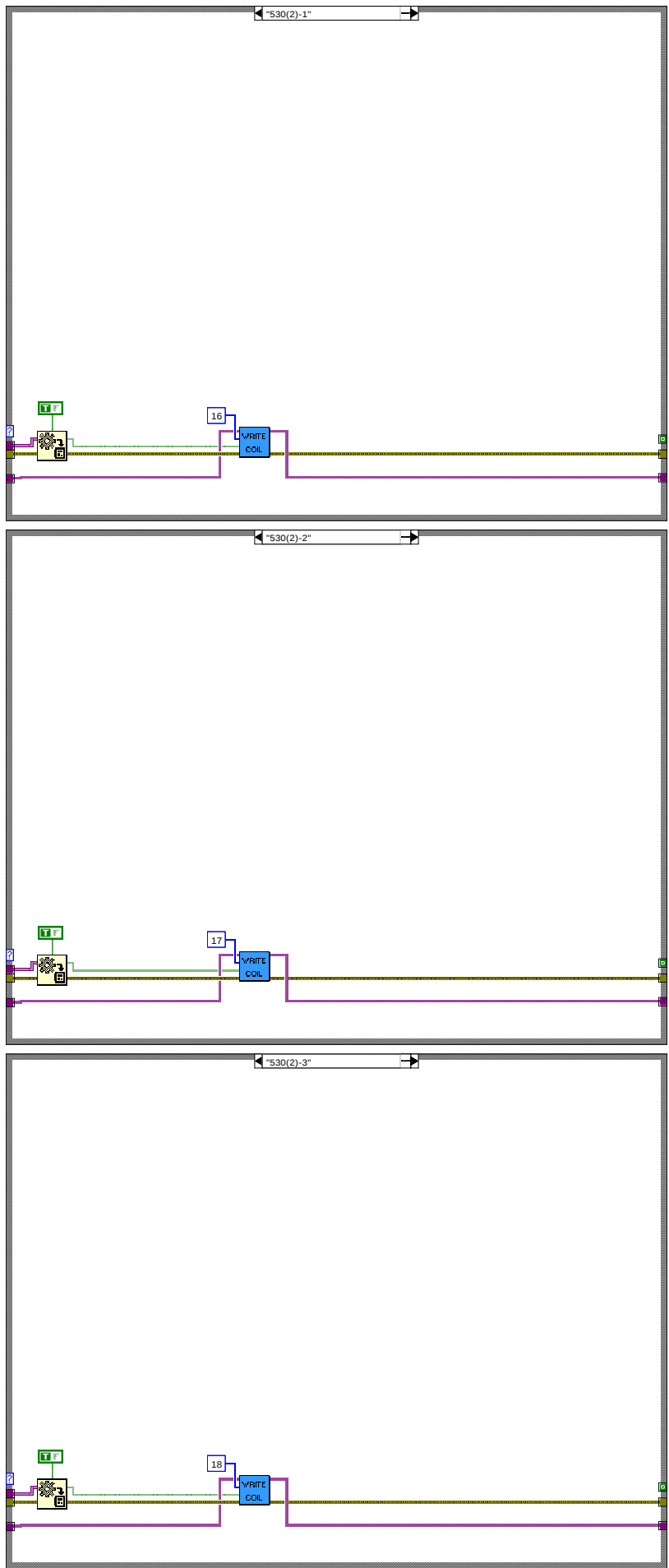
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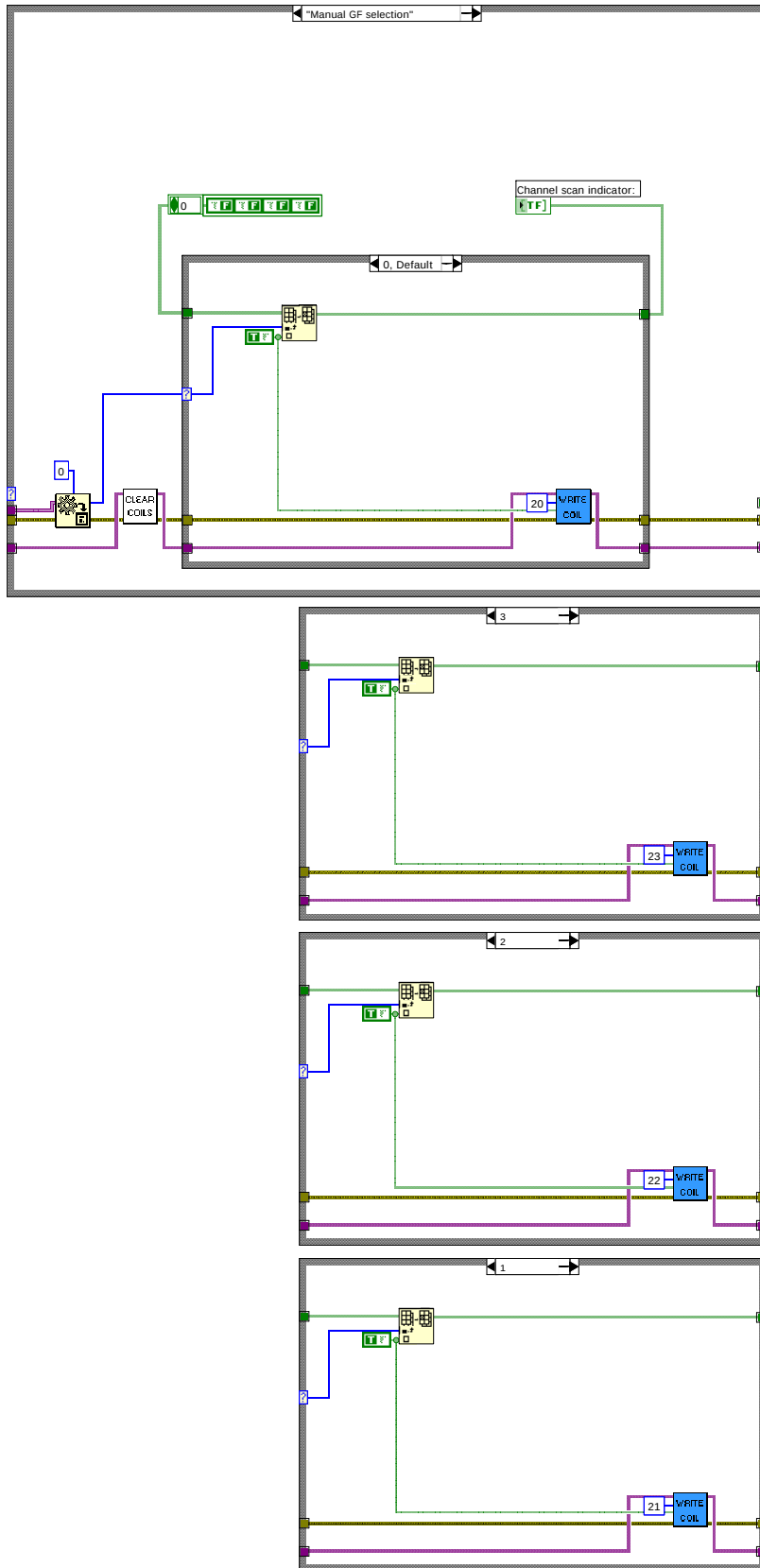
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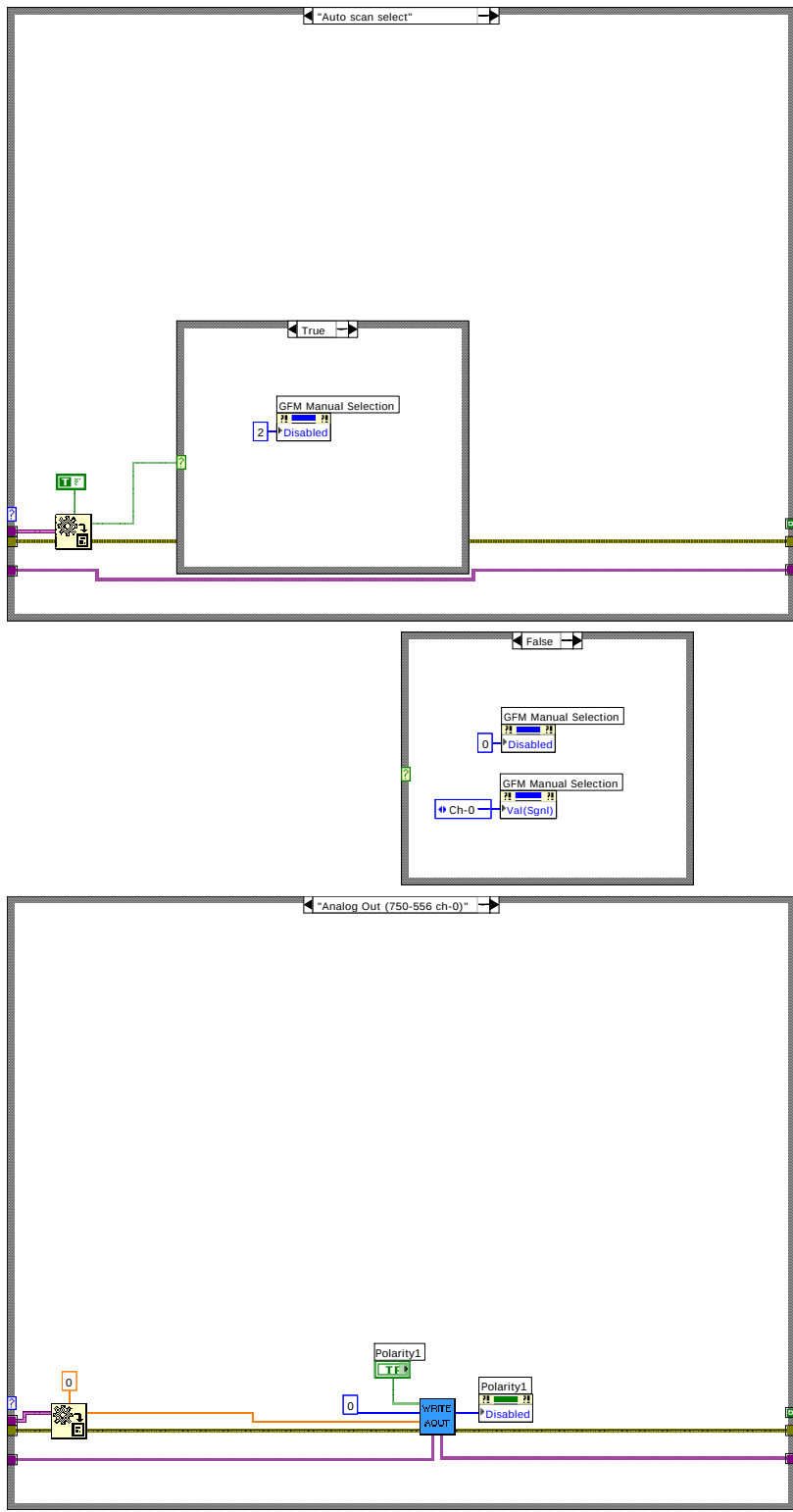
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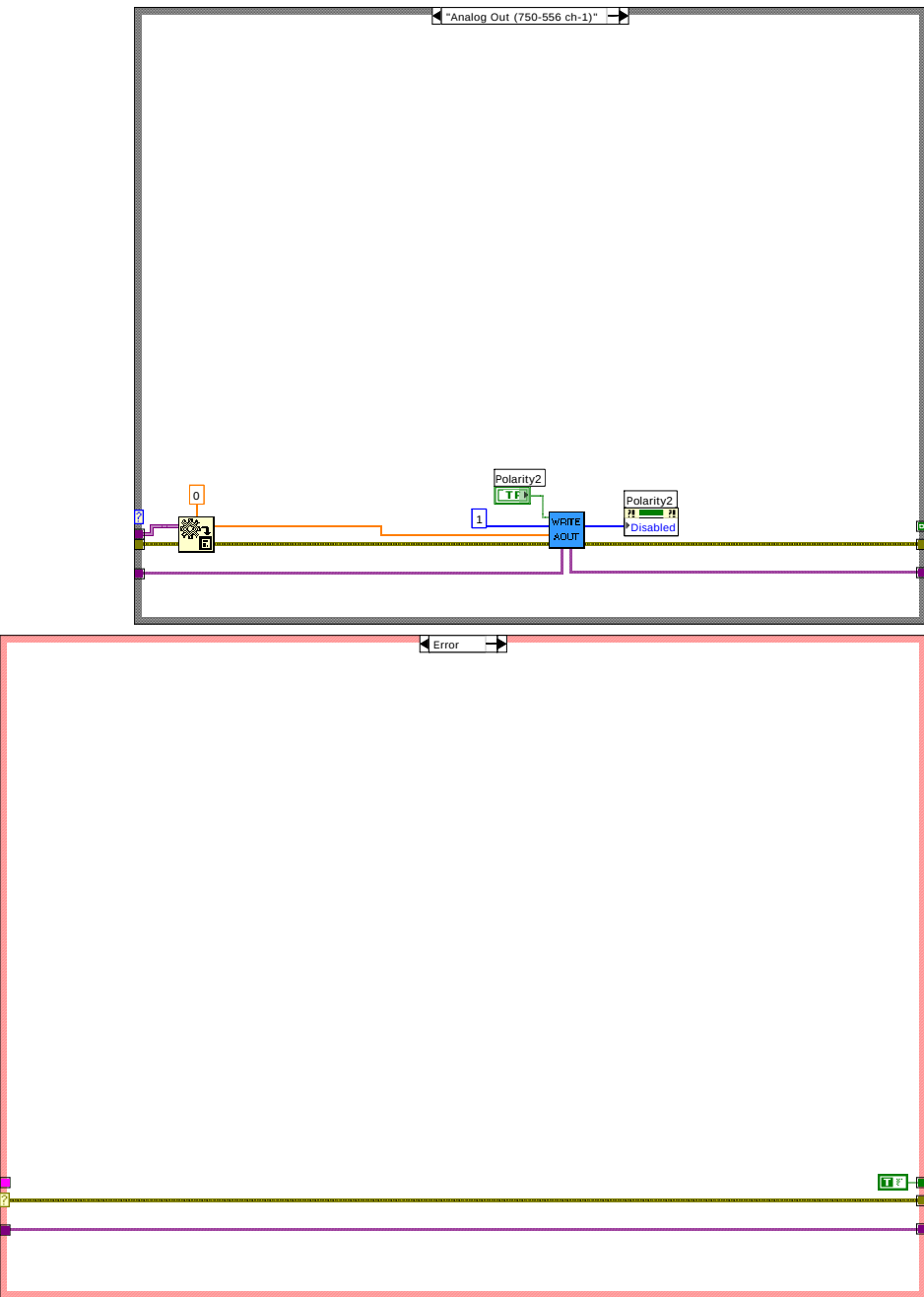




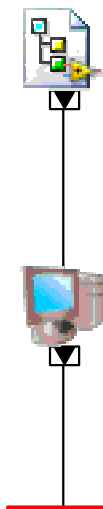
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Position in Hierarchy





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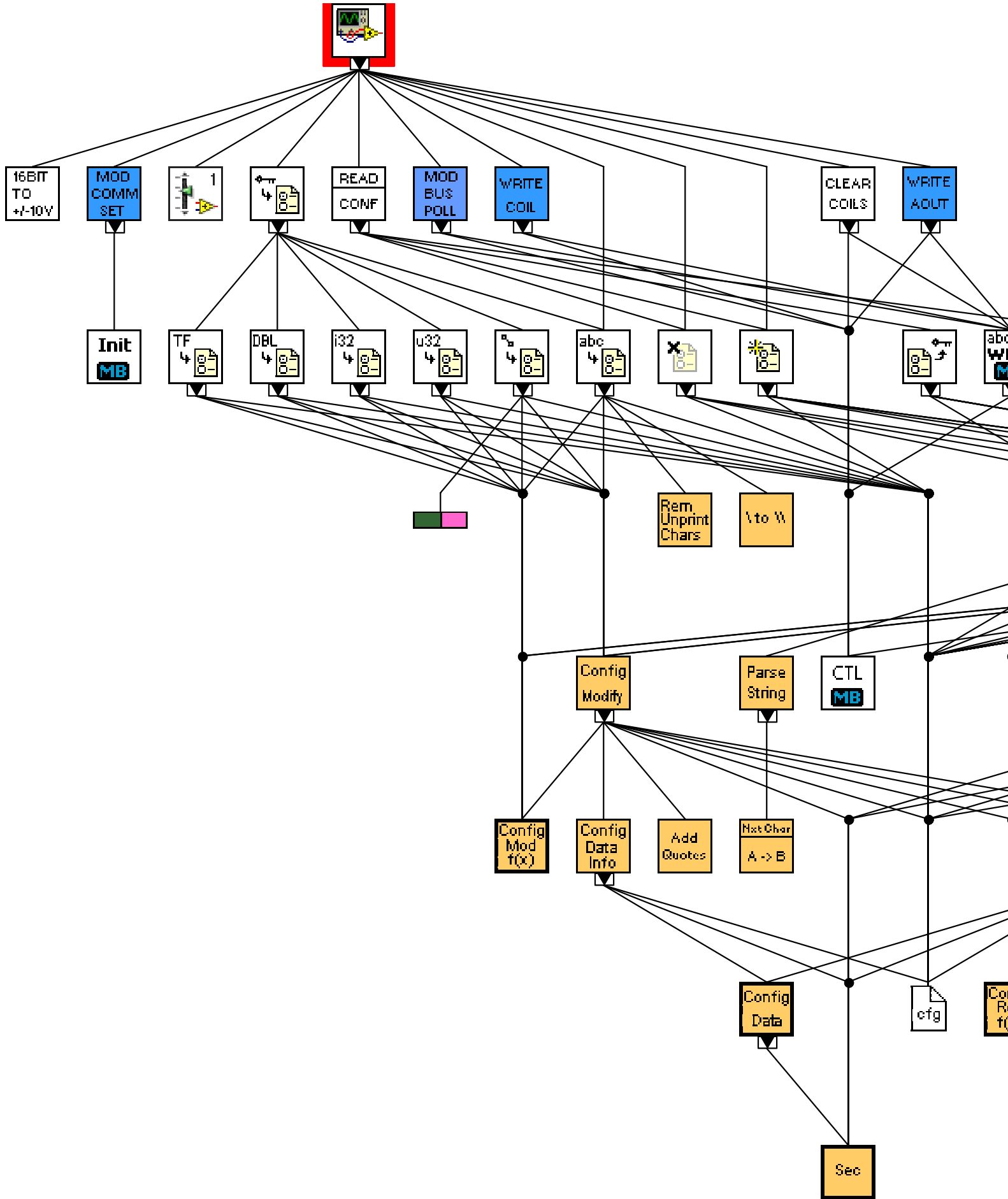


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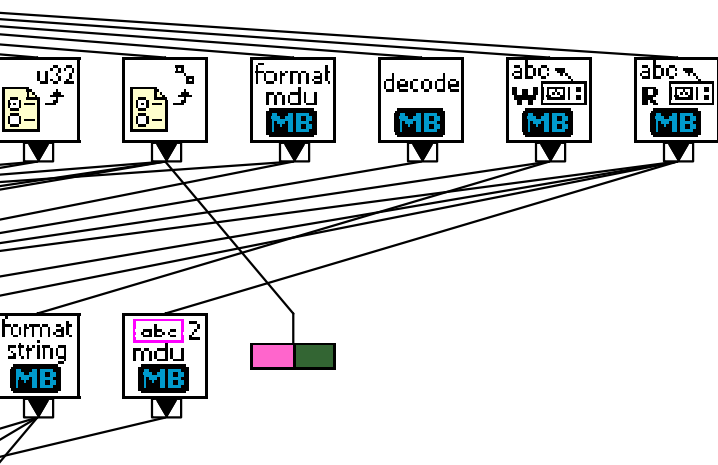
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List of SubVIs and Express VIs

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	Write Key (String).vi C:\Program Files\National Instruments\LabVIEW 8.5\vi.lib\Utility\config.llb\Write Key (String).vi
	Write Key.vi C:\Program Files\National Instruments\LabVIEW 8.5\vi.lib\Utility\config.llb\Write Key.vi
	Open Config Data.vi C:\Program Files\National Instruments\LabVIEW 8.5\vi.lib\Utility\config.llb\Open Config Data.vi
	Write to analog out subvi.vi W:\Software\Science Interface can\DGH replacement\Write to analog out subvi.vi
	write multiple coils.vi W:\Software\Science Interface can\DGH replacement\write multiple coils.vi
	Write Coil subvi.vi W:\Software\Science Interface can\DGH replacement\Write Coil subvi.vi
	16 bit to +-10v converter.vi W:\Software\Science Interface can\DGH replacement\16 bit to +-10v converter.vi
	dgh modbus poller.vi W:\Software\Science Interface can\DGH replacement\dgh modbus poller.vi
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	comm settings subvi.vi W:\Software\Science Interface can\DGH replacement\comm settings subvi.vi
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