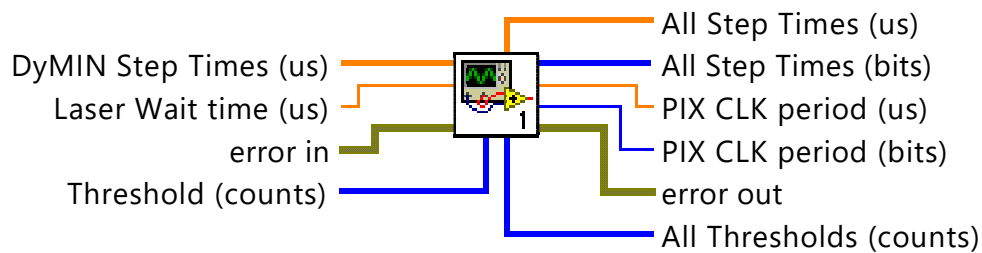


CalculateTimes.vi
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CalculateTimes.vi



DyMIN Step Times (us)		All Step Times (us)		All Step Times (bits)	
0	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0
	0	0	0	0	0

Laser Wait time (us)		PIX CLK period (us)		PIX CLK period (bits)	
0	0	0	0	0	0

error in		Threshold (counts)		All Thresholds (counts)		error out	
status	code	0	0	0	0	status	code
	0	0	0	0	0		0
source		0	0	0	0	source	
		0	0	0	0		
		0	0	0	0		
		0	0	0	0		

- Laser Wait time (us)
- DyMIN Step Times (us)
- Time (us)



CalculateTimes.vi

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**error in**

error in can accept error information wired from VIs previously called. Use this information to decide if any functionality should be bypassed in the event of errors from other VIs.

Right-click the error in control on the front panel and select Explain Error or Explain Warning from the shortcut menu for more information about the error.

**status**

status is TRUE (X) if an error occurred or FALSE (checkmark) to indicate a warning or that no error occurred.

Right-click the error in control on the front panel and select Explain Error or Explain Warning from the shortcut menu for more information about the error.

**code**

code is the error or warning code.

Right-click the error in control on the front panel and select Explain Error or Explain Warning from the shortcut menu for more information about the error.

**source**

source describes the origin of the error or warning.

Right-click the error in control on the front panel and select Explain Error or Explain Warning from the shortcut menu for more information about the error.

**Threshold (counts)****Theshold (counts)****error out**

error in can accept error information wired from VIs previously called. Use this information to decide if any functionality should be bypassed in the event of errors from other VIs.

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source

source describes the origin of the error or warning.

Right-click the error in control on the front panel and select Explain Error or Explain Warning from the shortcut menu for more information about the error.



All Step Times (us)



Max AOM Voltage



All Step Times (bits)



Time (bits)



PIX CLK period (bits)



PIX CLK period (us)

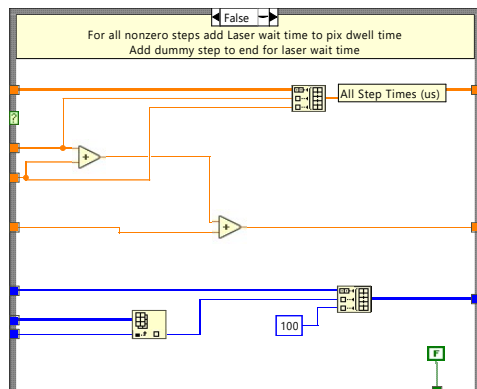
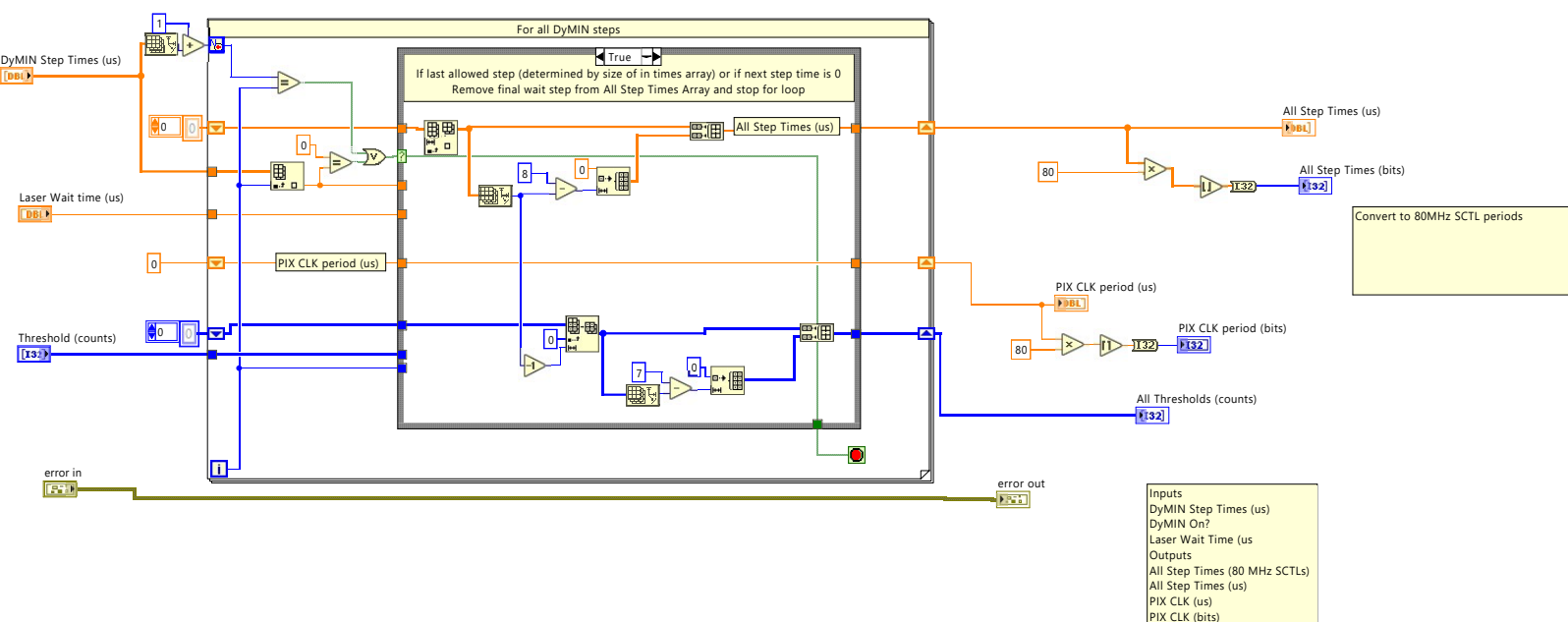


All Thresholds (counts)



Theshold (counts)

To do:
Remove pixel clock input, only input DyMIN times
Add wait times where needed
Output pixel dwell time to set in SB



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