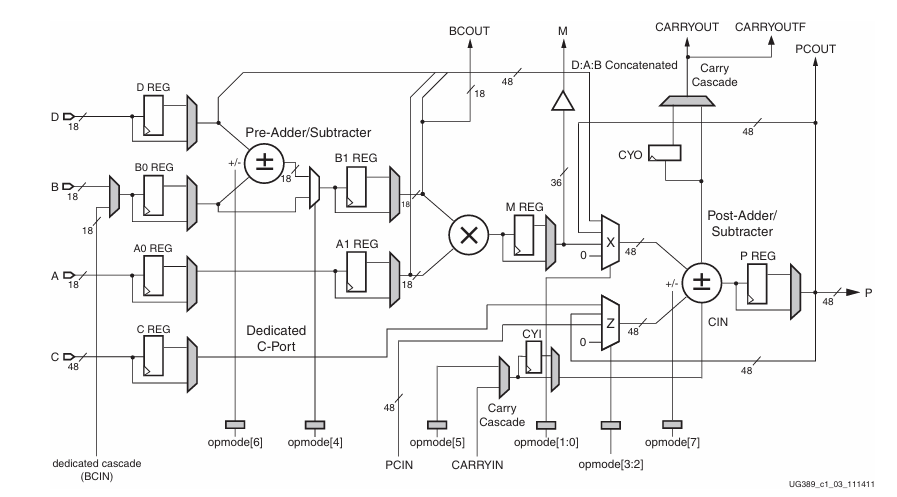
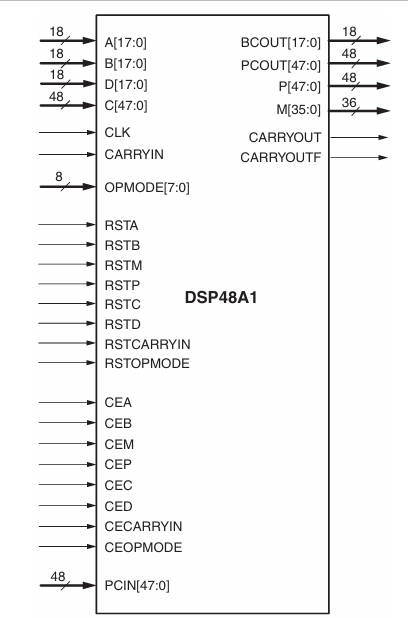
**Spartan6 - DSP48A1**

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**CODE**

**A computer screen shot of text

AI-generated content may be incorrect.**

**A screen shot of a computer code

AI-generated content may be incorrect.**

**REG\_MUX**

****

**4\_TO\_1\_MUX**

**A screen shot of a computer program

AI-generated content may be incorrect.**

**do\_file**

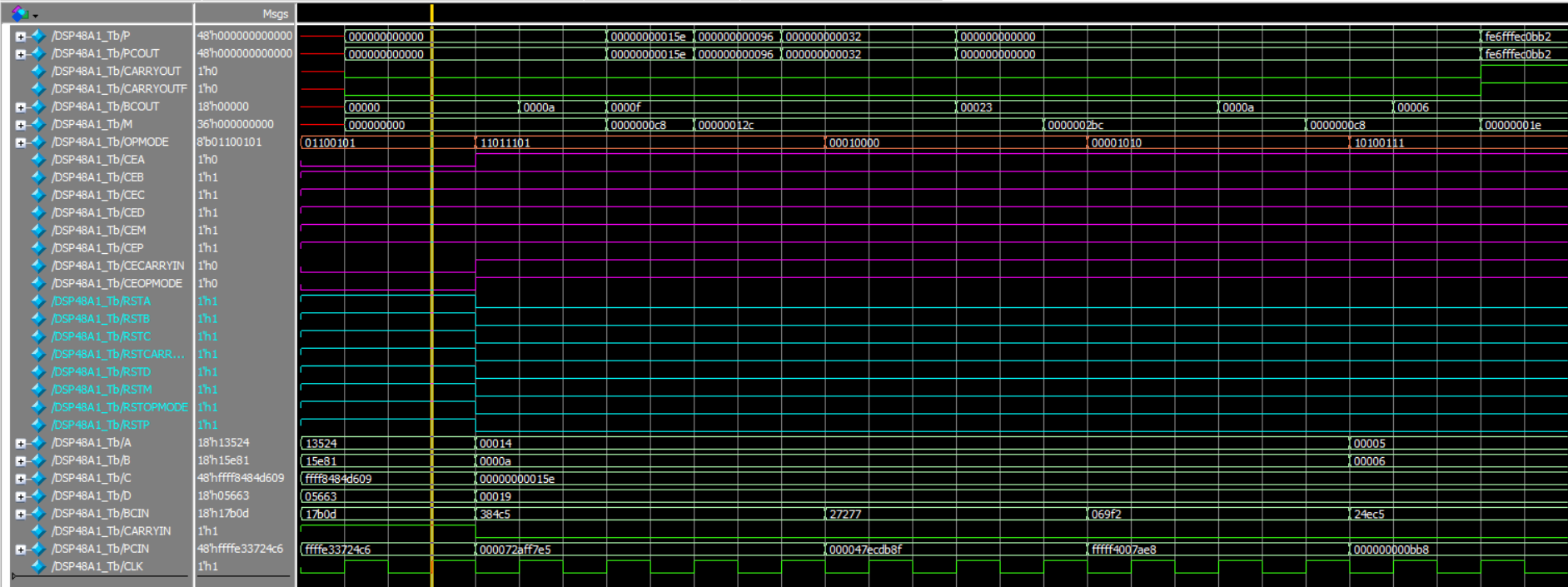
**A screenshot of a computer program

AI-generated content may be incorrect.**

**RST\_tb**

****

**RST\_WAVE\_PART**

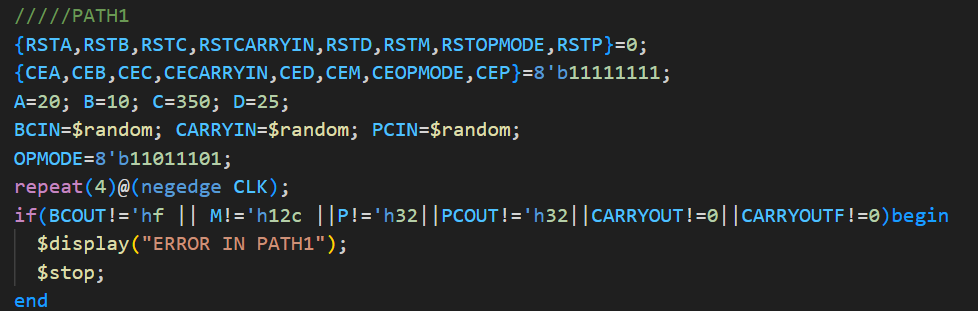
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**PATH1**

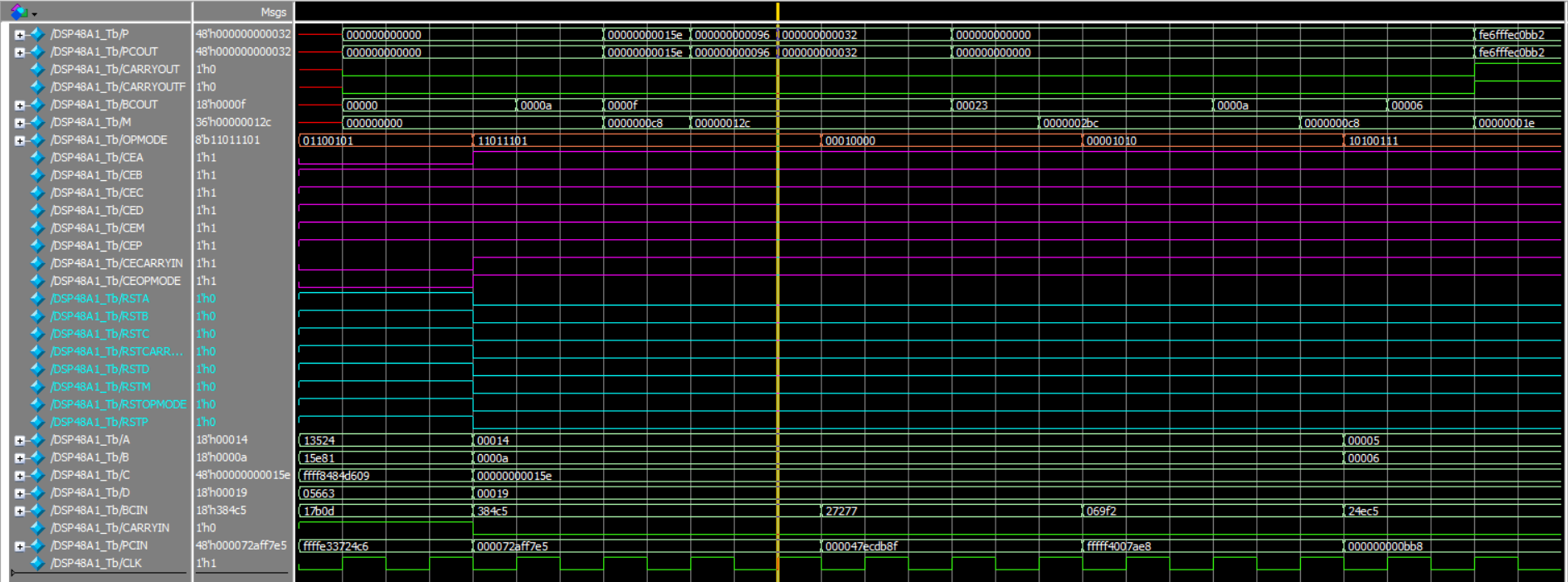
**A diagram of a machine

AI-generated content may be incorrect.**

**PATH1\_tb**

****

**PATH1\_WAVE\_PART**

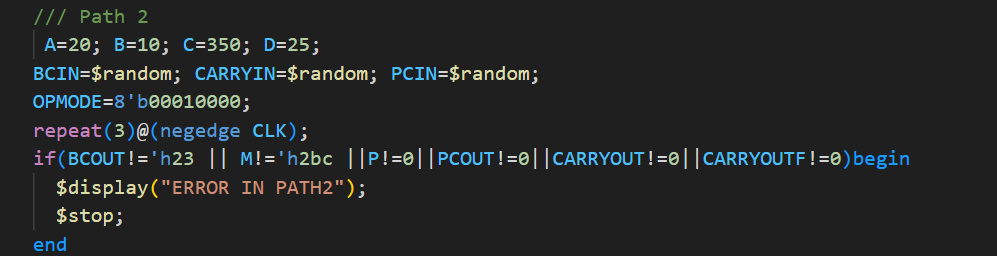
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**PATH2**

**A diagram of a machine

AI-generated content may be incorrect.**

**PATH2\_tb**

****

**PATH2\_WAVE\_PART**

**A black screen with many lines

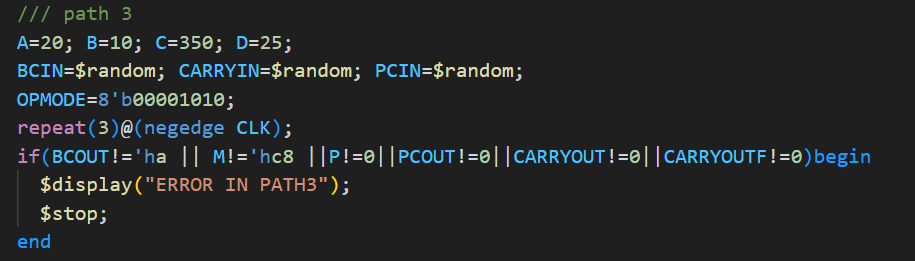
AI-generated content may be incorrect.**

**PATH3**

**A diagram of a machine

AI-generated content may be incorrect.**

**PATH3\_tb**

****

**PATH3\_WAVE\_PART**

**A screen shot of a computer

AI-generated content may be incorrect.**

**PATH4**

**A diagram of a circuit

AI-generated content may be incorrect.**

**PATH4\_tb**

**A computer screen shot of text

AI-generated content may be incorrect.**

**PATH4\_WAVE\_PART**

**A screen shot of a computer

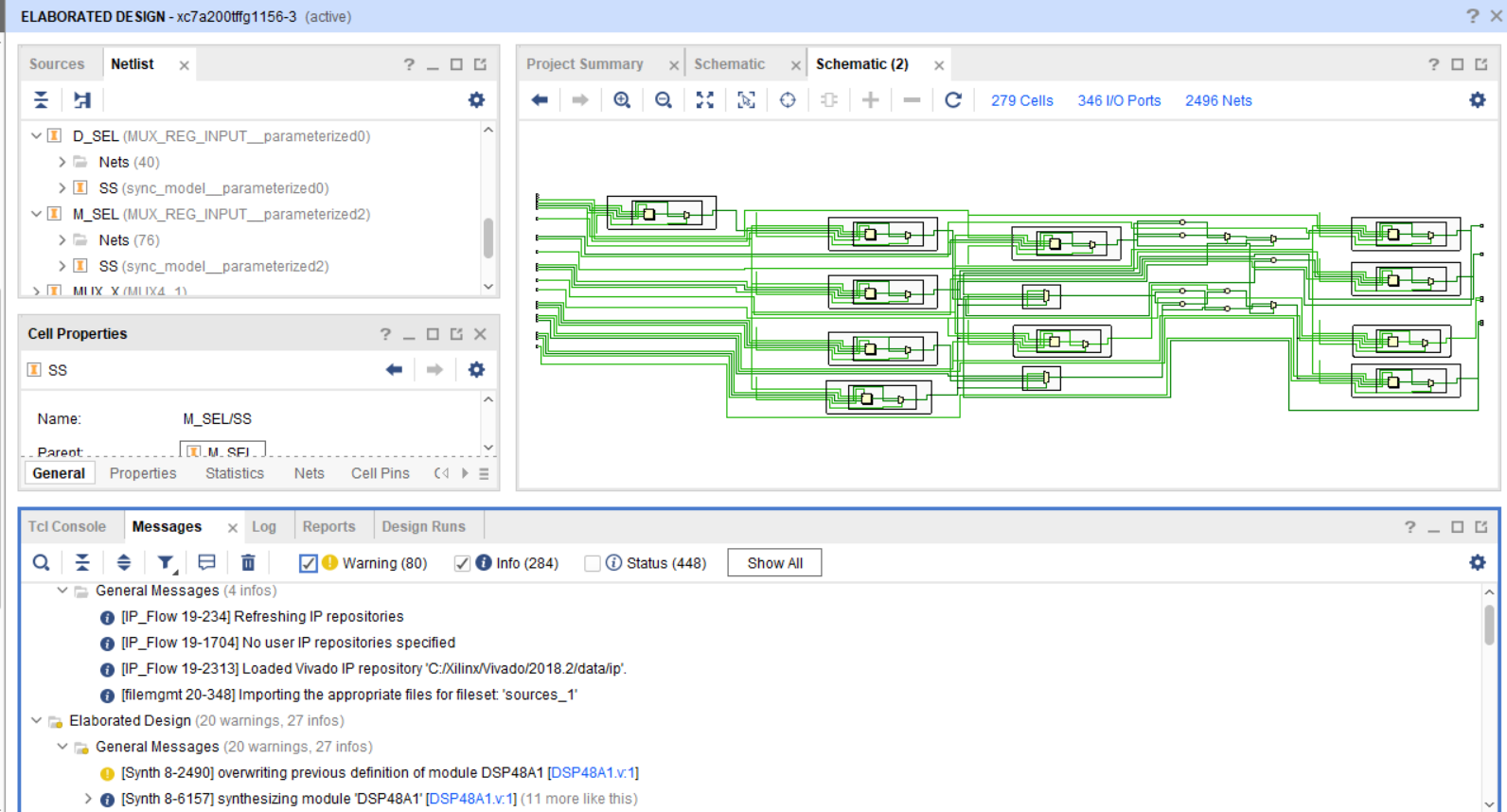
AI-generated content may be incorrect.**

**RTL\_SCHEMATIC**

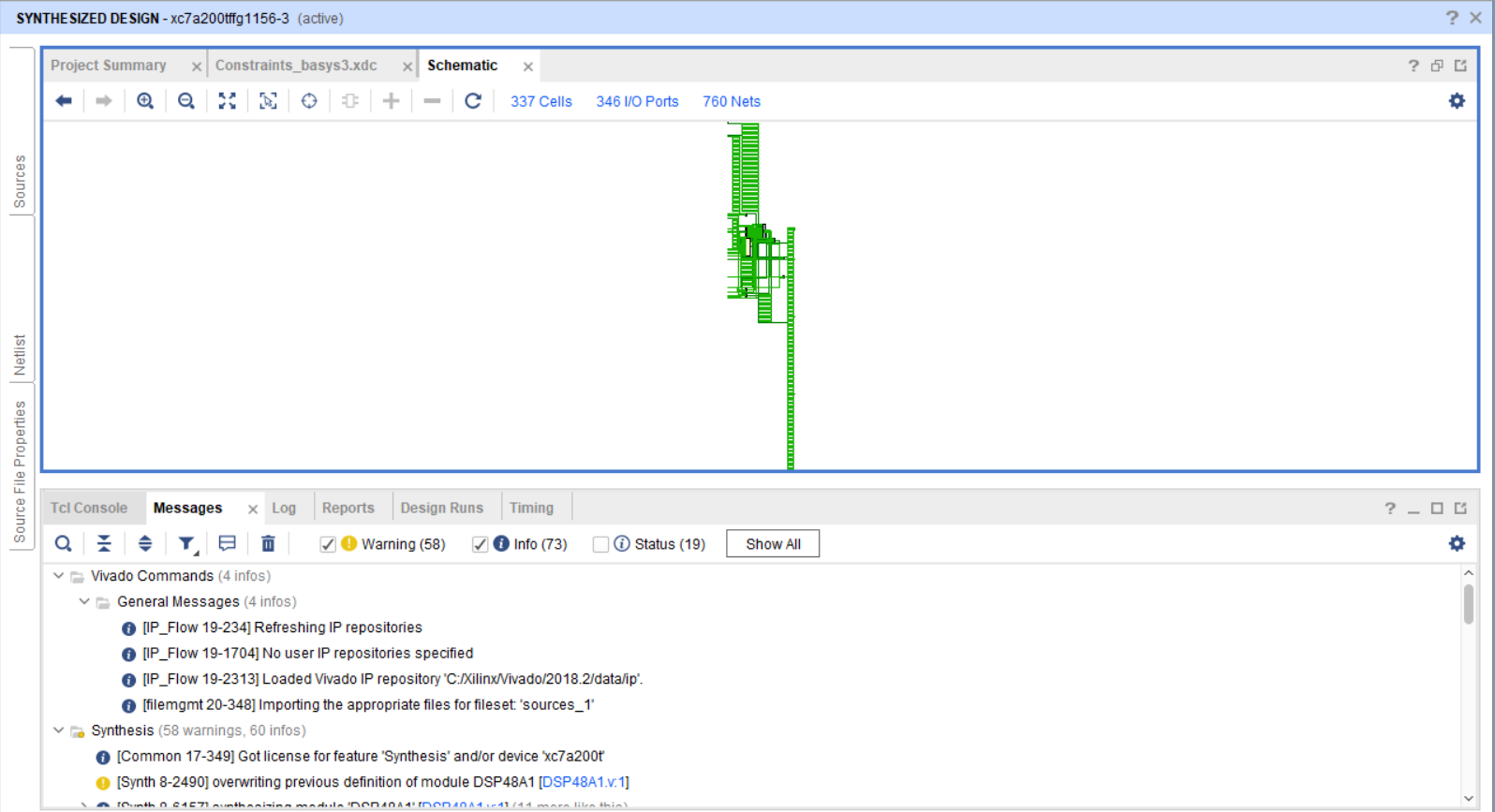
**A diagram of a computer circuit

AI-generated content may be incorrect.**

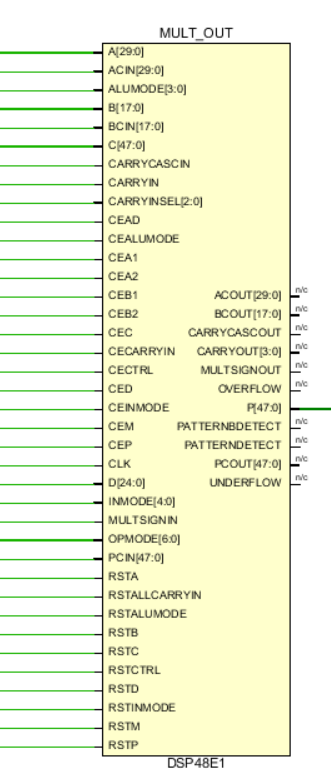
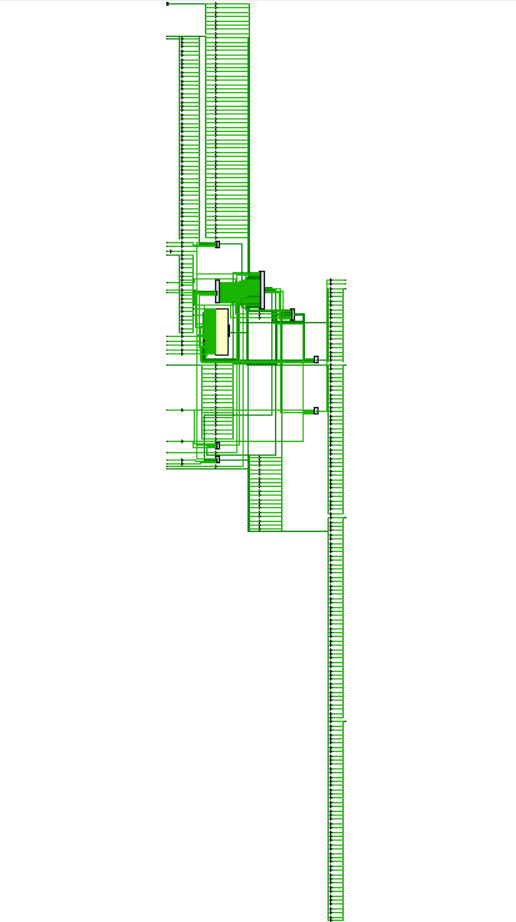
**RTL\_NO\_ERRORS**

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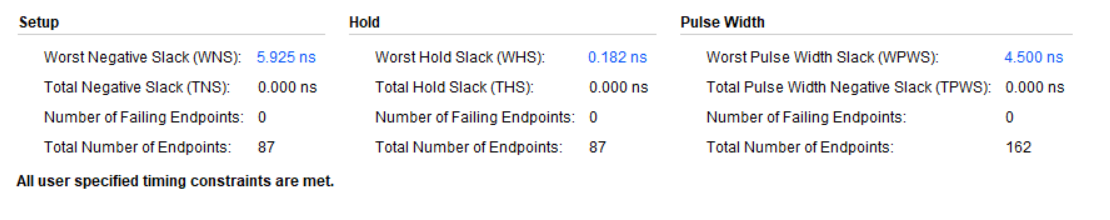
**SYNTHESIZED\_NO\_ERRORS**

****

**SYNTHESIZED\_SCHEMATIC**

** **

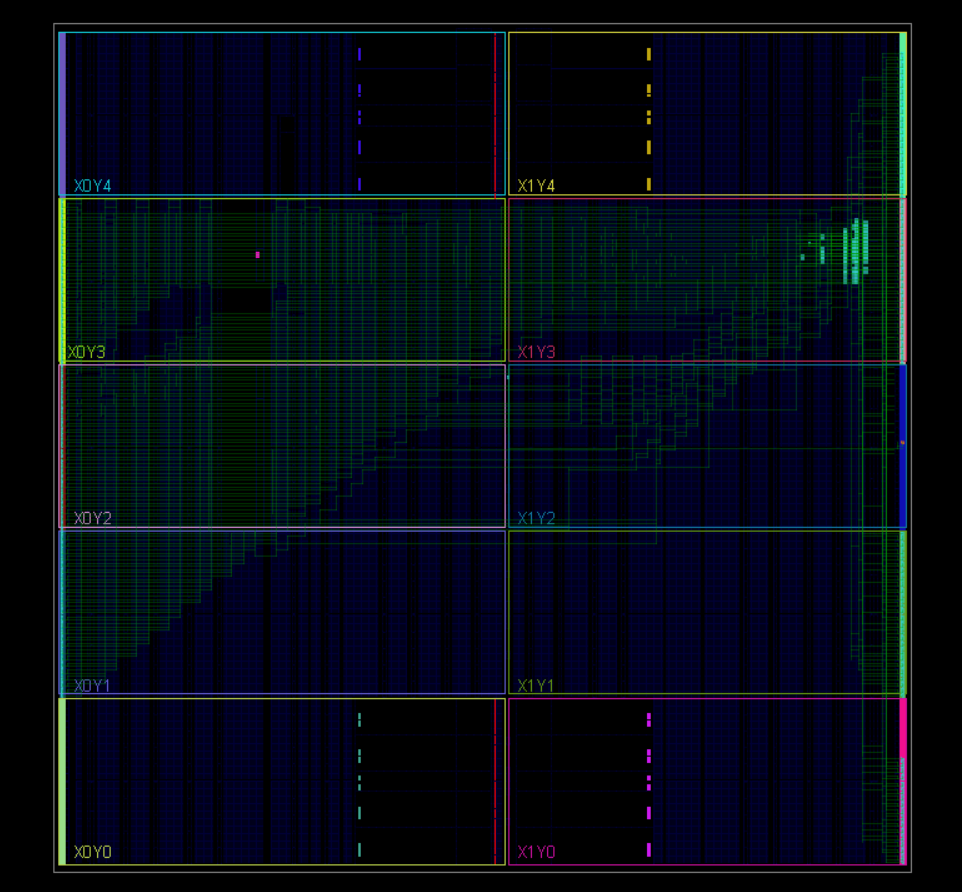
**SYNTHESIZED\_TIME\_REPORT**

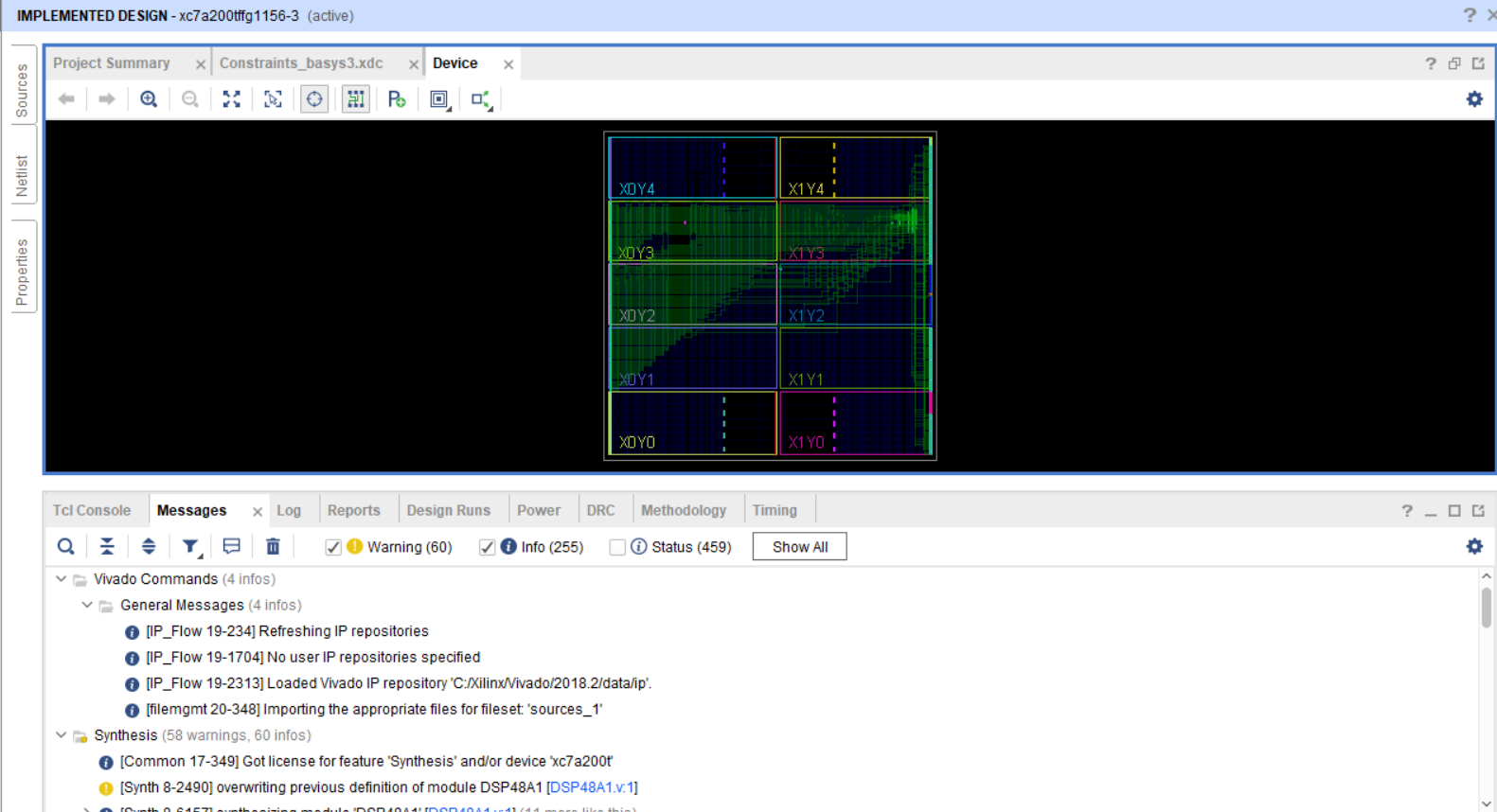
****

**SYNTHESIZED\_UTI \_REPORT**

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**DEVICE**

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**IMP\_NO\_ERRORS**

**IMP\_TIME\_REPORT**

**A screenshot of a computer

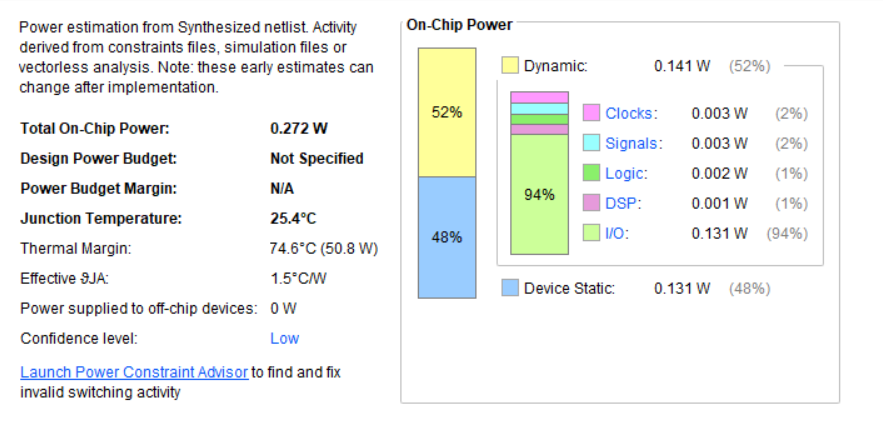
AI-generated content may be incorrect.**

**IMP\_UTI\_REPORT**

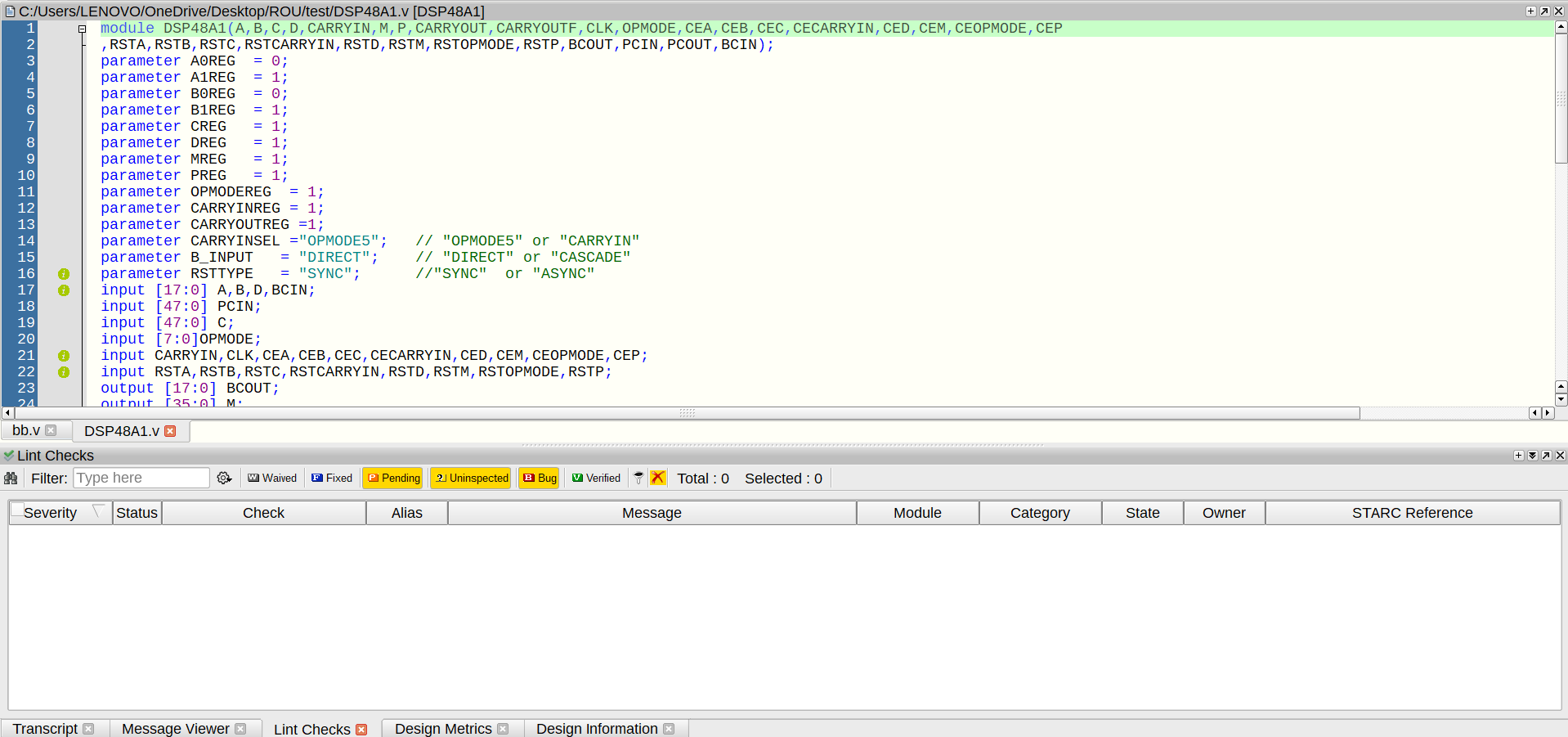
**A screenshot of a graph

AI-generated content may be incorrect.**

**IMP\_POWER\_REPORT \_REPORT**

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**Qlint\_Snippet**

****

**📧 Contact**

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* **Linkedin:** [**Press Here**](www.linkedin.com/in/mohamed-s-moussa-ba0993285)

**Project Sources**

* **GitHub:** [**Press Here**](https://github.com/mohamedSmoussa/Spartan6---DSP48A1)