

Project Phase IV

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Methodical Testing

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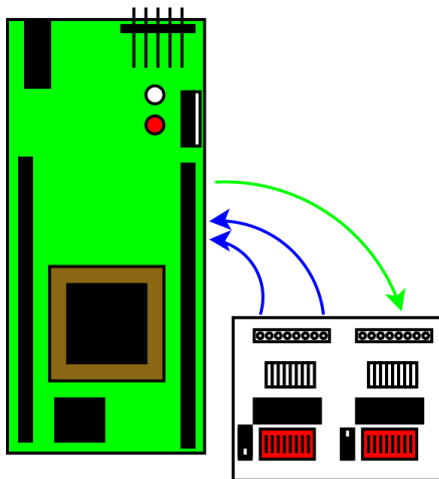
- Doing things methodically will make it much easier to sort out problems.

Methodical Testing

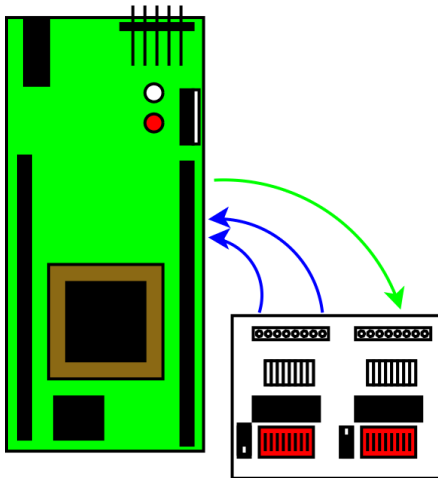
- Doing things methodically will make it much easier to sort out problems.
- Trying to do everything at once will make it impossible to determine the source of a problem.

Methodical Testing

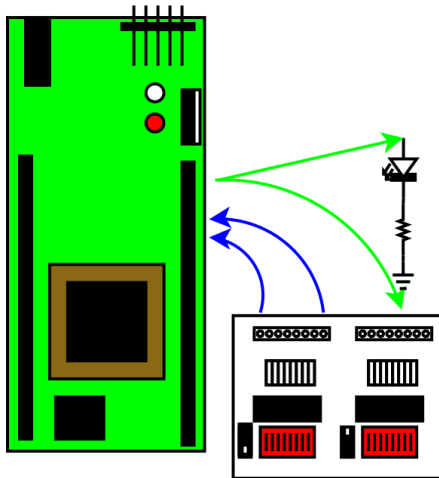
- Doing things methodically will make it much easier to sort out problems.
- Trying to do everything at once will make it impossible to determine the source of a problem.
- Following is the logical sequence, *where only one thing changes at a time*.



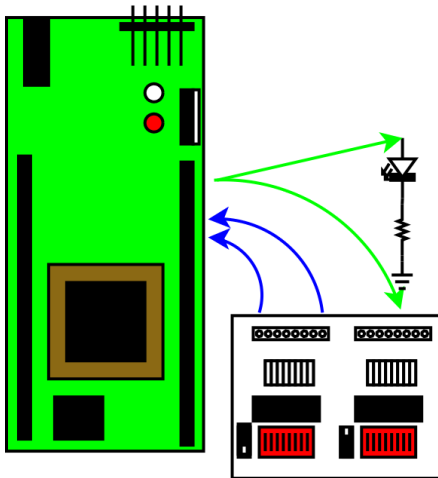
Test with the debugger board for inputs and outputs first.



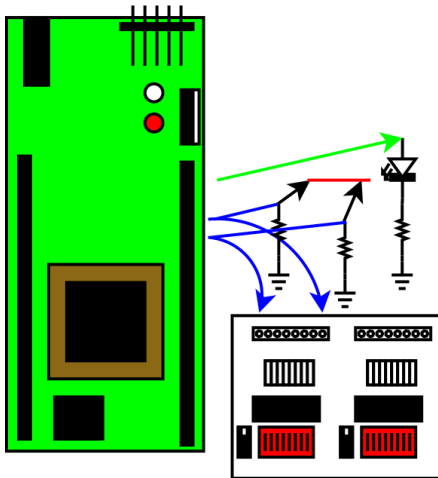
Test with the debugger board for inputs and outputs first.
*This ensures that your **CPLD** is correct.*



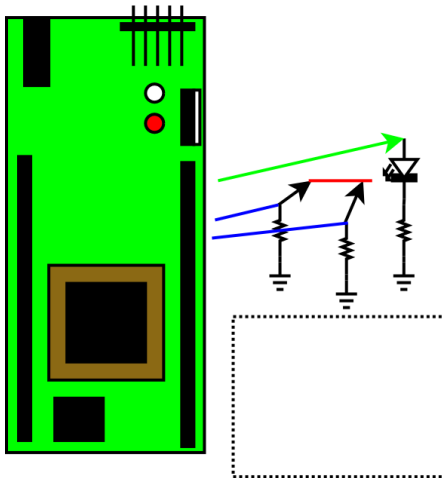
Test with your outputs *in parallel* with the debugger board.



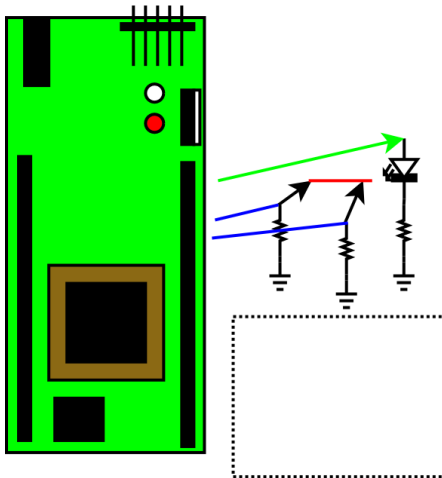
Test with your outputs *in parallel* with the debugger board.
*This ensures that your **outputs** are correct.*



Test with your inputs in parallel with the debugger board *in display mode*. This ensures that your **inputs** are correct.



Remove the debugger board.



Remove the debugger board.
The entire circuit is correct.