# **Synopsys Design Compiler User Guide**

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Page 493. Design Compiler Optimization Reference Manual. Design Compiler User Guide. Glossary (= [][][], [][][]]) Slack. A value that represents the difference between the actual arrival time and the required arrival time of data at the path endpoint in a mapped design.. Slack values can be positive, negative, or zero.

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IC Compiler™ II Implementation User Guide, Version L-2016.03-SP4 ii ... This Synopsys software and all associ ated documentation are proprietary to Synopsys, Inc. and may only be used pursuant to the terms and conditions of a written license agreement with Synopsys, Inc. ... Using Physical Guidance From the Design Compiler Tool ...

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#### **Automated Synthesis from HDL models**

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## RTL-to-Gates Synthesis using Synopsys Design Compiler

In this tutorial you will use Synopsys Design Compiler to elaborate the RTL for our example greatest common divisor (GCD) cicruit, set optimization constraints, synthesize the design to gates, and prepare various area and timing reports. You will also learn how to read the various DC text reports and how to use the graphical

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