

Electric rule check & netlist generation in KiCad

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning objectives



Learning objectives

- **To assign values to components**



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- ▶ To assign values to components
- ▶ To perform electric rule check



Learning objectives

- ▶ **To assign values to components**
- ▶ **To perform electric rule check**
- ▶ **Generate netlist for schematic created**



Software requirement



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- OS: Ubuntu 12.04



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- ▶ **OS: Ubuntu 12.04**
- ▶ **KiCad version: 2011-05-25**



Prerequisite

- ▶ **Basic knowledge of electronic circuits**



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- ▶ **Know how to design circuit schematic in KiCad**



Prerequisite

- ▶ Basic knowledge of electronic circuits
- ▶ Know how to design circuit schematic in KiCad
- ▶ For relevant tutorials please visit <http://spoken-tutorial.org>



Summary for this tutorial

In this tutorial we learnt



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- ▶ To assign values to components



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- ▶ To assign values to components
- ▶ To check & correct for errors in circuit schematic



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In this tutorial we learnt

- ▶ To assign values to components
- ▶ To check & correct for errors in circuit schematic
- ▶ To generate a netlist



About the Spoken Tutorial Project

- ▶ Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarises the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it



Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test
- ▶ For more details, please write to contact@spoken-tutorial.org



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- ▶ It is supported by the National Mission on Education through ICT, MHRD, Government of India
- ▶ More information on this Mission is available at:

<http://spoken-tutorial.org/NMEICT-Intro>

