

Designing printed circuit board 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

- ▶ To design printed circuit board in KiCad.



Prerequisite

- ▶ **Basic knowledge of electronics circuit**



Prerequisite

- ▶ **Basic knowledge of electronics circuit**
- ▶ **Should know,**



Prerequisite

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- ▶ **Should know,**
 - ▶ **To design circuit schematic in KiCad**



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 - ▶ **Do electric rule check**



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 - ▶ **Netlist generation**



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 - ▶ **Mapping of components with footprints**



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 - ▶ Mapping of components with footprints
- ▶ **For relevant tutorials please visit <http://spoken-tutorial.org>**



Software requirement



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- ▶ **OS: Ubuntu 12.04**



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- ▶ **KiCad version: 2011-05-25**



Summary

To design printed circuit board in KiCad

- ▶ **Using PCBnew**



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



Acknowledgements

- ▶ **Spoken Tutorial Project is a part of the Talk to a Teacher project**
- ▶ **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>

