

Mapping components with footprints in KiCad

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

Script: Abhishek Pawar

Narration: Rupak Rokade

IIT Bombay

08 May 2012



Learning objectives

- ▶ **To map components with corresponding footprints.**



Software requirement



Software requirement

- **OS: Ubuntu 12.04**



Software requirement

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



Prerequisite

- ▶ **Basic knowledge of electronics circuit**



Prerequisite

- ▶ **Basic knowledge of electronics circuit**
- ▶ **Know how to design circuit schematic in KiCad**



Prerequisite

- ▶ **Basic knowledge of electronics circuit**
- ▶ **Know how to design circuit schematic in KiCad**
- ▶ **Know electric rule check and Netlist generation**



Prerequisite

- ▶ Basic knowledge of electronics circuit
- ▶ Know how to design circuit schematic in KiCad
- ▶ Know electric rule check and Netlist generation
- ▶ For relevant tutorials please visit <http://spoken-tutorial.org>



Summary

To map the components with corresponding footprints

- ▶ **Using CvPCB window**



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>

