KiCAD: Advanced Tutorials:Arduino UNO with KiCAD

Contents

Arduino UNO with KiCAD

This is a complete series of video tutorials on how to build a Arduino UNO [derived version] with KiCAD. We have choosen this example as it has fair mix of components, is widely known and fun open source board to Hack. Hope this helps you in learning KiCAD in depth.

All the design files, libraries that were used through out the project can be downloaded here

Design Introduction

Schematic PART 1

Schematic PART 2

CVPCB Mataching footprints to components

Component Layout

Basic Design Rules

Manual Routing Part 1

Manual Routing Part 2

Finalizing the Design, Generating Gerbers