



# 3D Printing Designs: Design an SD Card Holder

*Joe Larson*

Download now

[Click here](#) if your download doesn't start automatically

# 3D Printing Designs: Design an SD Card Holder

*Joe Larson*

**3D Printing Designs: Design an SD Card Holder** Joe Larson

## Key Features

- This book shows you how to design from a reference to physical objects that can be easily represented by simple basic objects in Blender (cube, cylinder, sphere, and so on) by measuring them
- This is the only book on the market that shows you how to take your first steps to create 3D printed objects that are able to interact with existing objects
- Learn how to utilize Blender's functionality to make your designs more precise and accurate

## Book Description

Want to model a 3D printed prototype of an object that needs to be replaced or broken? This book will teach you how to accurately measure objects in the real world with a few basic measuring techniques and how to create an object for 3D printing around the objects measured.

In this book, you'll learn to identify basic shapes from a given object, use Vernier and Digital calipers and grid paper tracing techniques to derive measurements for the objects. With the help of measurements, you'll see to model these objects using Blender, organize the parts into layers, and later combine them to create the desired object, which in this book is a 3D printable SD card holder ring that fits your finger.

## What you will learn

- Gain techniques to accurately measure the objects with rules, manual calipers, and digital calipers
- Break down complex geometries into multiple simple shapes and model them in layers using Blender
- Scale and re-scale a model to fit based on volume or size constraints
- See how to multishell geometries and auto-intersections using the Boolean Modifier

## About the Author

**Joe Larson** is one part artist, one part mathematician, one part teacher, and one part technologist. It all started in his youth on a Commodore 64 doing BASIC programming and low resolution digital art. As technology progressed, so did Joe's dabbling, eventually taking him to 3D modeling while in high school and college, and he momentarily pursued a degree in Computer Animation. He abandoned the track for the much more sensible goal of becoming a math teacher, which he accomplished when he taught 7th grade math in Colorado. He now works as an application programmer.

When Joe first heard about 3D printing, it took root in his mind and he went back to dust off his 3D modeling skills. In 2012, he won a Makerbot Replicator 3D printer in the Tinkercad/Makerbot Chess challenge with a chess set that assembles into a robot. Since then, his designs on Thingiverse have been featured on Thingiverse, Gizmodo, Shapeways, Makezine, and other places. He currently maintains the blog <http://joesmakerbot.blogspot.in/>, documenting his adventures.

## Table of Contents

1. 3D Printing Basics

2. Beginning Blender
3. Measuring Basics
4. An SD Card Holder Ring

 [\*\*Download\*\* 3D Printing Designs: Design an SD Card Holder ...pdf](#)

 [\*\*Read Online\*\* 3D Printing Designs: Design an SD Card Holder ...pdf](#)

## **Download and Read Free Online 3D Printing Designs: Design an SD Card Holder Joe Larson**

---

### **From reader reviews:**

#### **Stephen Hawkins:**

Why don't make it to be your habit? Right now, try to prepare your time to do the important work, like looking for your favorite e-book and reading a guide. Beside you can solve your long lasting problem; you can add your knowledge by the book entitled 3D Printing Designs: Design an SD Card Holder. Try to the actual book 3D Printing Designs: Design an SD Card Holder as your friend. It means that it can to become your friend when you experience alone and beside those of course make you smarter than ever. Yeah, it is very fortunated for yourself. The book makes you more confidence because you can know almost everything by the book. So , we need to make new experience in addition to knowledge with this book.

#### **Effie Phillips:**

A lot of people always spent all their free time to vacation or maybe go to the outside with them family members or their friend. Did you know? Many a lot of people spent they free time just watching TV, as well as playing video games all day long. If you need to try to find a new activity here is look different you can read any book. It is really fun for you personally. If you enjoy the book you read you can spent the entire day to reading a publication. The book 3D Printing Designs: Design an SD Card Holder it is extremely good to read. There are a lot of people who recommended this book. We were holding enjoying reading this book. When you did not have enough space to create this book you can buy often the e-book. You can m0ore quickly to read this book from your smart phone. The price is not to cover but this book possesses high quality.

#### **Emanuel Douglas:**

Beside this kind of 3D Printing Designs: Design an SD Card Holder in your phone, it might give you a way to get more close to the new knowledge or information. The information and the knowledge you are going to got here is fresh in the oven so don't become worry if you feel like an previous people live in narrow town. It is good thing to have 3D Printing Designs: Design an SD Card Holder because this book offers to you personally readable information. Do you at times have book but you seldom get what it's exactly about. Oh come on, that won't happen if you have this within your hand. The Enjoyable option here cannot be questionable, similar to treasuring beautiful island. So do you still want to miss the item? Find this book along with read it from today!

#### **Joshua White:**

A lot of e-book has printed but it is unique. You can get it by net on social media. You can choose the top book for you, science, comedian, novel, or whatever by simply searching from it. It is named of book 3D Printing Designs: Design an SD Card Holder. You can include your knowledge by it. Without making the printed book, it may add your knowledge and make a person happier to read. It is most important that, you must aware about publication. It can bring you from one location to other place.

**Download and Read Online 3D Printing Designs: Design an SD  
Card Holder Joe Larson #AP1E2LJ0WKY**

## **Read 3D Printing Designs: Design an SD Card Holder by Joe Larson for online ebook**

3D Printing Designs: Design an SD Card Holder by Joe Larson Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read 3D Printing Designs: Design an SD Card Holder by Joe Larson books to read online.

### **Online 3D Printing Designs: Design an SD Card Holder by Joe Larson ebook PDF download**

**3D Printing Designs: Design an SD Card Holder by Joe Larson Doc**

**3D Printing Designs: Design an SD Card Holder by Joe Larson Mobipocket**

**3D Printing Designs: Design an SD Card Holder by Joe Larson EPub**