



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:

Jackie Lafond:

In this 21st hundred years, people become competitive in every way. By being competitive today, people have to do something to make these survive, being in the middle of often the crowded place and notice by surrounding. One thing that sometimes many people have underestimated that for a while is reading. That's why, by reading a publication your ability to survive enhance then having chance to stand up than other is high. To suit your needs who want to start reading a new book, we give you this kind of 3D Printing Designs: Design an SD Card Holder book as nice and daily reading reserve. Why, because this book is usually more than just a book.

Virginia Warriner:

Reading a book can be one of a lot of pastime that everyone in the world really likes. Do you like reading book and so. There are a lot of reasons why people fantastic. First reading a reserve will give you a lot of new information. When you read a reserve you will get new information since book is one of many ways to share the information or perhaps their idea. Second, studying a book will make you actually more imaginative. When you looking at a book especially tale fantasy book the author will bring that you imagine the story how the personas do it anything. Third, you can share your knowledge to some others. When you read this 3D Printing Designs: Design an SD Card Holder, it is possible to tell your family, friends and soon about yours reserve. Your knowledge can inspire the mediocre, make them reading a e-book.

Walter Feuerstein:

Book is one of source of information. We can add our expertise from it. Not only for students and also native or citizen need book to know the revise information of year to year. As we know those guides have many advantages. Beside we all add our knowledge, can also bring us to around the world. Through the book 3D Printing Designs: Design an SD Card Holder we can consider more advantage. Don't you to definitely be creative people? To get creative person must love to read a book. Merely choose the best book that appropriate with your aim. Don't become doubt to change your life by this book 3D Printing Designs: Design an SD Card Holder. You can more pleasing than now.

Danny Solberg:

Reading a guide make you to get more knowledge from this. You can take knowledge and information from the book. Book is published or printed or created from each source this filled update of news. In this modern era like right now, many ways to get information are available for you actually. From media social including newspaper, magazines, science book, encyclopedia, reference book, story and comic. You can add your understanding by that book. Ready to spend your spare time to open your book? Or just searching for the 3D Printing Designs: Design an SD Card Holder when you desired it?

Download and Read Online 3D Printing Designs: Design an SD Card Holder Joe Larson #J658TIB23ZH

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