

Driver and Cura installation for Macbook

- USB driver install
- Cura install

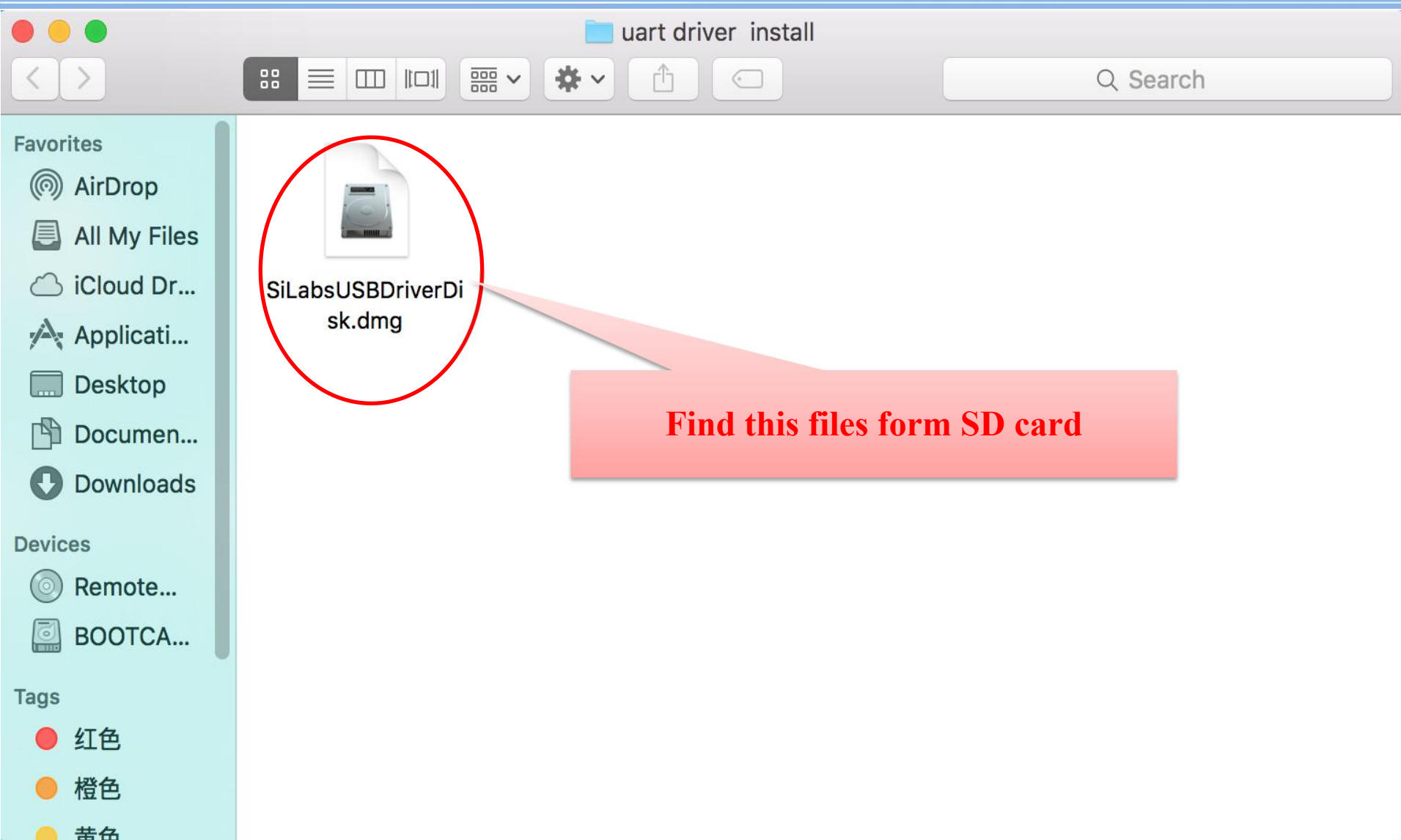


➤ USB driver install

➤ Cura install



USB driver install





USB driver install



Silicon Labs VCP Driver Install Disk



ReleaseNotes.txt



Silicon Labs VCP
Driver.pkg



uninstaller.sh

**Double-click
Silicon labs VCP Driver.pkg**



USB driver install

 Install CP210xVCPInstaller



Welcome to the CP210xVCPInstaller Installer

You will be guided through the steps necessary to install the virtual COM port driver for the Silicon Labs CP210x USB to UART Bridge.

- **Introduction**

- Read Me
- License
- Destination Select
- Installation Type
- Installation
- Summary

Click here

Go Back

Continue



USB driver install

Install CP210xVCPInstaller

- Introduction
- **Read Me**
- License
- Destination Select
- Installation Type
- Installation
- Summary

Important Information

CP210x Macintosh OS X VCP Driver v4 Release Notes
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This release contains the following components:

- * SiLabsUSBDriverDisk.dmg - Image containing the VCP Driver Installer
- * ReleaseNotes.txt (this file)
- * uninstaller.sh - a bash shell script for removing the driver

Known Issues and Limitations

This release includes the Macintosh OSX driver for the Intel and PowerPC Platforms versions 10.5, 10.6, 10.7, 10.8, 10.9, 10.10 and 10.11.

Driver Installation

Mount the DMG file and double click on Silicon Labs VCP Driver.

Uninstalling the Driver

Click here

Print...

Save...

Go Back

Continue



USB driver install

Install CP210xVCPInstaller

Software License Agreement

- Introduction
- Read Me
- **License**
- Destination Select
- Installation Type
- Installation
- Summary

English

END-USER LICENSE AGREEMENT
IMPORTANT: READ CAREFULLY
BEFORE AGREEING TO TERMS

THIS PRODUCT CONTAINS CERTAIN COMPUTER PROGRAMS AND OTHER THIRD PARTY PROPRIETARY MATERIAL ("LICENSED PRODUCT"), THE USE OF WHICH IS SUBJECT TO THIS END-USER LICENSE AGREEMENT. INDICATING YOUR AGREEMENT CONSTITUTES YOUR AND (IF APPLICABLE) YOUR COMPANY'S ASSENT TO AND ACCEPTANCE OF THIS END-USER LICENSE AGREEMENT (THE "LICENSE" OR "AGREEMENT"). IF YOU DO NOT AGREE WITH ALL OF THE TERMS, YOU MUST NOT USE THIS PRODUCT. WRITTEN APPROVAL IS NOT A PREREQUISITE TO THE VALIDITY OR ENFORCEABILITY OF THIS AGREEMENT, AND NO SOLICITATION OF SUCH WRITTEN APPROVAL BY OR ON BEHALF OF SILICON LABS, INC. ("SILICON LABS") SHALL BE CONSIDERED AN OFFER TO THE CONTRARY. IF THESE TERMS ARE CONSIDERED AN OFFER BY SILICON LABS, ACCEPTANCE IS EXPRESSLY LIMITED TO THESE TERMS.

Click here

Print...

Save...

Go Back

Continue



USB driver install





USB driver install

Install CP210xVCPInstaller

Standard Install on "Macintosh HD"

- Introduction
- Read Me
- License
- Destination Select
- **Installation Type**
- Installation
- Summary

This will take 272 KB of space on your computer.

Click Install to perform a standard installation of this software on the disk "Macintosh HD".

Click here

Customize

Go Back

Install

USB driver install



Installer is trying to install new software. Type your password to allow this.

Username: 欧翠芝

Password:

Cancel Install Software

The image shows a Windows User Account Control (UAC) dialog box. It has a yellow padlock icon on the left. The text reads: 'Installer is trying to install new software. Type your password to allow this.' Below this, there are two input fields: 'Username:' with the text '欧翠芝' and 'Password:' with ten dots. At the bottom, there are two buttons: 'Cancel' and 'Install Software'. A red circle highlights the 'Install Software' button, and a red arrow points from the password field to it. A red speech bubble points to the 'Install Software' button with the text 'Type your username and password then click here'.

**Type your username and password
then click here**



USB driver install

Install CP210xVCPInstaller

Installing CP210xVCPInstaller

- Introduction
- Read Me
- License
- Destination Select
- Installation Type
- **Installation**
- Summary

Registering updated components...



Install time remaining: Less than a minute

Wait for a moment

Go Back

Continue



USB driver install

Install CP210xVCPInstaller

The installation was completed successfully.

The Silicon Labs VCP Driver has been successfully installed.

- Introduction
- Read Me
- License
- Destination Select
- Installation Type
- Installation
- **Summary**

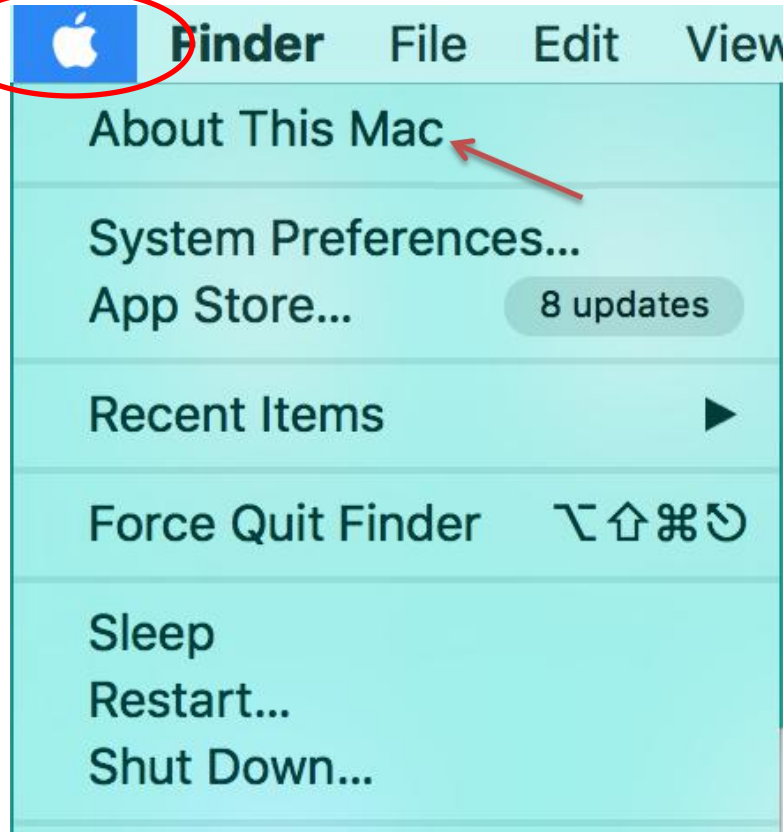
**Just finished and
click here**

Go Back

Close

USB driver install

**Return to the
desktop
And click here**





USB driver install

Overview

Displays

Storage

Support

Service



OS X El Capitan

Version 10.11.4

MacBook (Retina, 12-inch, Early 2016)

Processor 1.1 GHz Intel Core m3

Memory 8 GB 1867 MHz LPDDR3

Startup Disk Macintosh HD

Graphics Intel HD Graphics 515 1536 MB

Serial Number C02RL3VVH3QX

System Report...

Software Update...

Click here

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USB driver install

MacBook

▼ Hardware

ATA
Audio
Bluetooth
Camera
Card Reader
Diagnostics
Disc Burning
Ethernet Cards
Fibre Channel
FireWire
Graphics/Displays
Hardware RAID
Memory
NVMeExpress
PCI
Parallel SCSI
Power
Printers
SAS
SATA/SATA Expr...
SPI
Storage
Thunderbolt
USB
▼ Network
Firewall
Locations
Volumes
WWAN

Hardware Overview:

Model Name:	MacBook
Model Identifier:	MacBook9,1
Processor Name:	Intel Core m3
Processor Speed:	1.1 GHz
Number of Processors:	1
Total Number of Cores:	2
L2 Cache (per Core):	256 KB
L3 Cache:	4 MB
Memory:	8 GB
Boot ROM Version:	MB91.0154.B00
SMC Version (system):	2.35f101
Serial Number (system):	C02RL3VVH3QX
Hardware UUID:	3B241376-BC97-597D-9E53-EDEDD08E69E8

Click here



USB driver install

MacBook

▼ Hardware

- ATA
- Audio
- Bluetooth
- Camera
- Card Reader
- Diagnostics
- Disc Burning
- Ethernet Cards
- Fibre Channel
- FireWire
- Graphics/Displays
- Hardware RAID
- Memory
- NVMeExpress
- PCI
- Parallel SCSI
- Power
- Printers
- SAS
- SATA/SATA Expr...
- SPI
- Storage
- Thunderbolt
- USB

▼ Network

- Firewall
- Locations
- Volumes
- WWAN

USB Device Tree

- ▼ USB 3.0 Bus
 - ▼ USB 2.0 Hub
 - Wireless Receiver
 - CP2102 USB to UART Bridge Controller**

CP2102 USB to UART Bridge Controller:

Product ID:	0xea60
Vendor ID:	0x10c4 (Silicon Laboratories, Inc.)
Version:	1.00
Serial Number:	0001
Speed:	Up to 12 Mb/sec
Manufacturer:	Silicon Labs
Location ID:	0x14120000 / 2
Current Available (mA):	1000
Current Required (mA):	100
Extra Operating Current (mA):	0

The driver has been successfully installed and could be identified

➤ USB driver install



➤ Cura install

Cura install



Cura.dmg
37.6 MB

Find this file from SD card

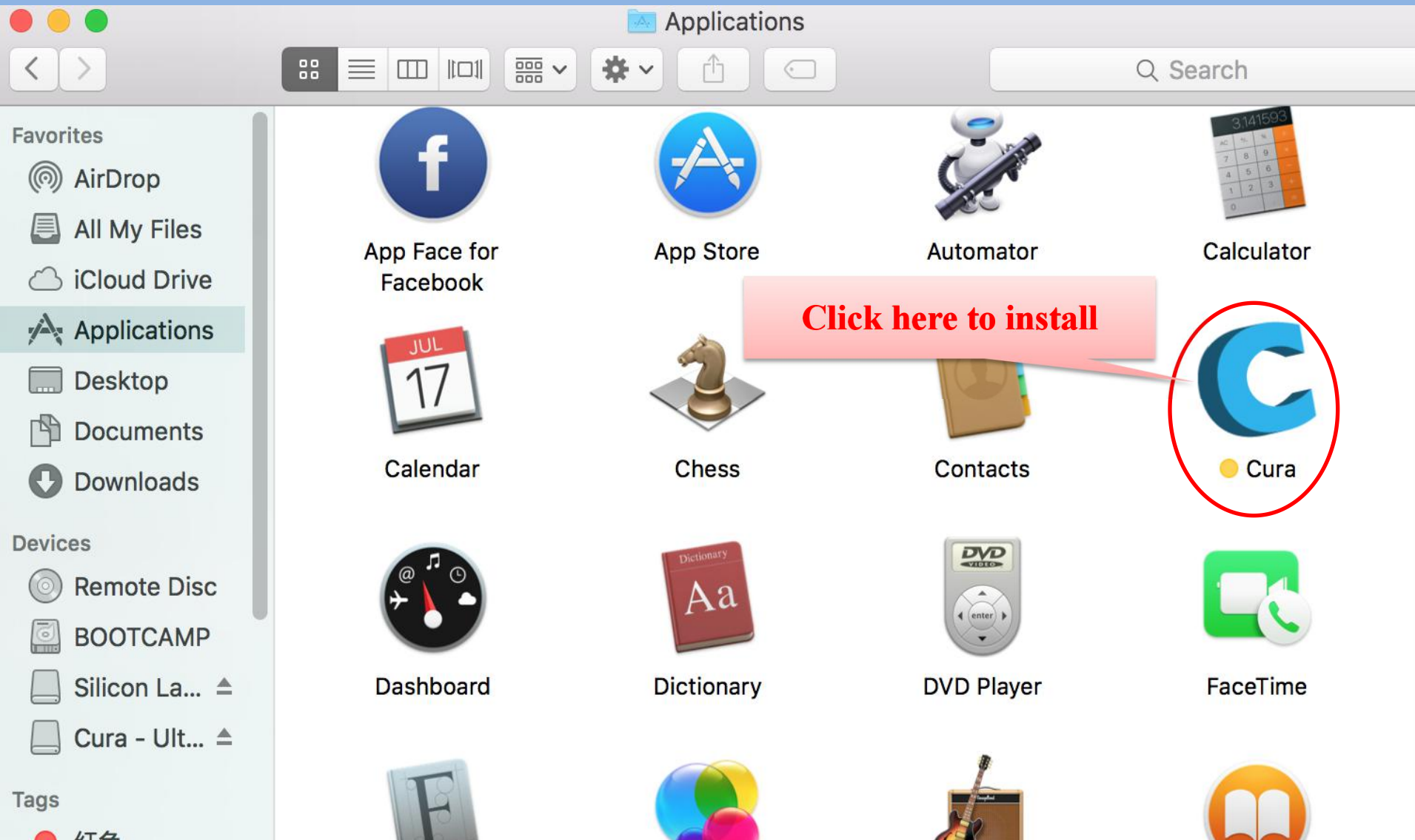


Cura install



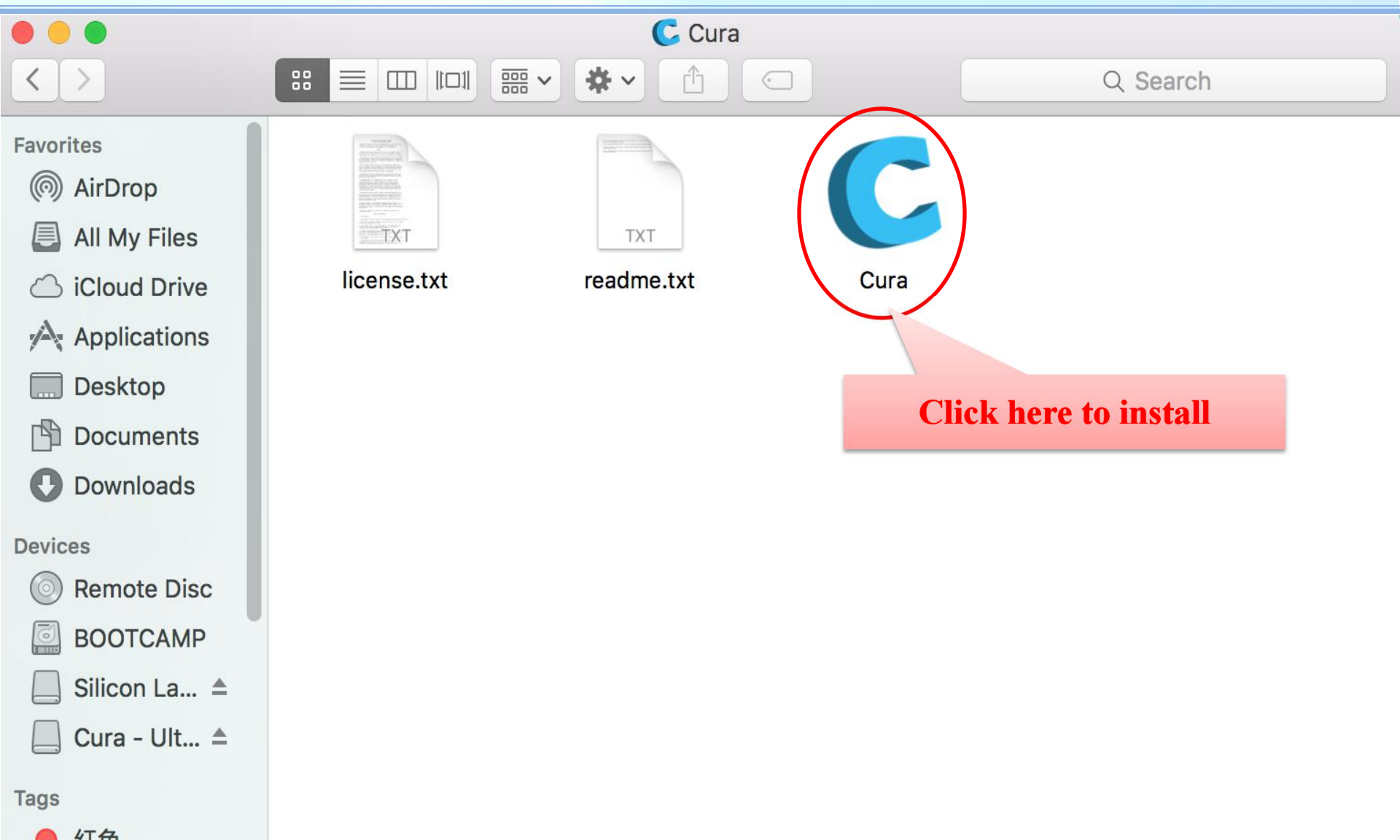


Cura install





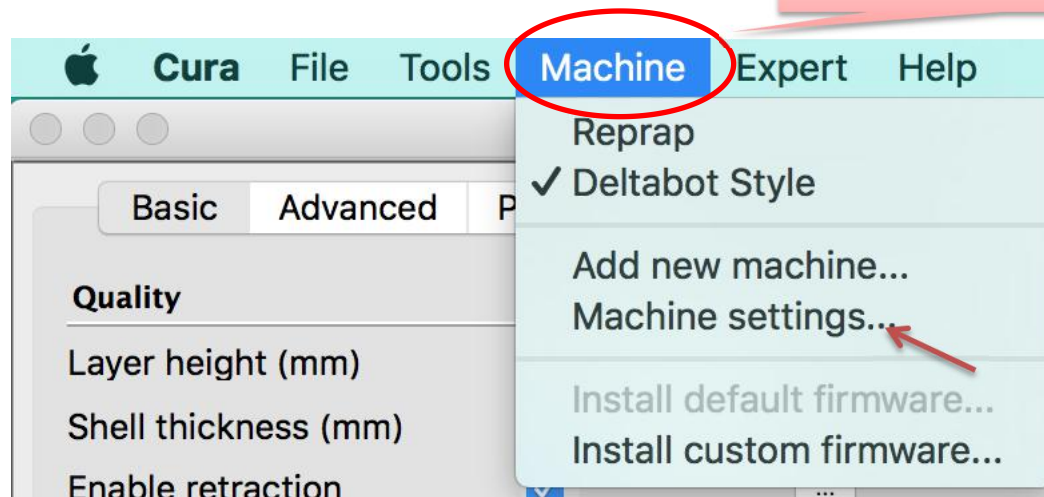
Cura install





Cura install

Click here to install



Cura install

Machine settings

Deltabot Style

Linear Plus

Machine settings		Printer head size	
E-Steps per 1mm filament	0	Head size towards X min (mm)	0.0
Maximum width (mm)	230	Head size towards Y min (mm)	0.0
Maximum depth (mm)	230	Head size towards X max (mm)	0.0
Maximum height (mm)	300	Head size towards Y max (mm)	0.0
Extruder count	1	Printer gantry height (mm)	0.0
Heated bed	<input checked="" type="checkbox"/>	Communication settings	
Machine center 0,0	<input checked="" type="checkbox"/>	Serial port	/dev/cu.SLAB.USBtoUART
Build area shape	Circular	Baudrate	115200
GCode Flavor	RepRap (Marlin/Sprinter)		

Ok Add new machine Remove machine Change machine name

Machine settings

Deltabot Style

Pulley

Machine settings		Printer head size	
E-Steps per 1mm filament	0	Head size towards X min (mm)	0.0
Maximum width (mm)	180	Head size towards Y min (mm)	0.0
Maximum depth (mm)	180	Head size towards X max (mm)	0.0
Maximum height (mm)	300	Head size towards Y max (mm)	0.0
Extruder count	1	Printer gantry height (mm)	0.0
Heated bed	<input checked="" type="checkbox"/>	Communication settings	
Machine center 0,0	<input checked="" type="checkbox"/>	Serial port	/dev/cu.SLAB.USBtoUART
Build area shape	Circular	Baudrate	115200
GCode Flavor	RepRap (Marlin/Sprinter)		

Ok Add new machine Remove machine Change machine name



Cura install

Both the Linear Plus and the Pulley can be set to the following parameters

The screenshot shows the Cura 15.04.6 software interface. The 'Basic' tab is selected, and a red box highlights the following settings:

- Quality**
 - Layer height (mm): 0.2
 - Shell thickness (mm): 0.8
 - Enable retraction: ☒
- Fill**
 - Bottom/Top thickness (mm): 0.8
 - Fill Density (%): 20
- Speed and Temperature**
 - Print speed (mm/s): 60
 - Printing temperature (C): 200
 - Bed temperature (C): 60
- Support**
 - Support type: None
 - Platform adhesion type: None
- Filament**
 - Diameter (mm): 1.75
 - Flow (%): 100.0
- Machine**
 - Nozzle size (mm): 0.4

A red arrow points to the highlighted area with the text "Fill in the parameters".



Cura install

Both the Linear Plus and the Pulley can be set to the following parameters

The screenshot shows the Cura 15.04.6 software interface. The 'Advanced' tab is selected, and a red box highlights the following parameters:

Section	Parameter	Value
Retraction	Speed (mm/s)	70
	Distance (mm)	5
Quality	Initial layer thickness (mm)	0.3
	Initial layer line width (%)	100
	Cut off object bottom (mm)	0.0
	Dual extrusion overlap (mm)	0
	Speed	
Speed	Travel speed (mm/s)	80
	Bottom layer speed (mm/s)	20
	Infill speed (mm/s)	0.0
	Top/bottom speed (mm/s)	20
	Outer shell speed (mm/s)	30
Cool	Inner shell speed (mm/s)	0.0
	Minimal layer time (sec)	5
Cool	Enable cooling fan	<input checked="" type="checkbox"/>

A red callout box points to the Speed section with the text: **Fill in the parameters**