Instructions for Installation of

Silicon Labs USB-to-UART Bridge Virtual COM Port Driver

for Windows-10.

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Driver Download Site from Silicon Labs:

https://www.silabs.com/developers/usb-to-uart-bridge-vcp-drivers

STEP 1 – Open Device Manager

Type Device Manager into Search Box and hit <RETURN>



Look for CP2102 USB to UART Bridge Controller under Other Devices:



STEP 2: Open Properties

RIGHT Click on CP2102 USB to UART Bridge Controller and then Select Properties



STEP 3: Confirm Silicon Labs Driver has not been installed by selecting Driver Tab



STEP 4: Download Driver Package from Silicon Labs Site

https://www.silabs.com/developers/usb-to-uart-bridge-vcp-drivers

Download and Install VCP Drivers

Downloads for Windows, Macintosh, Linux and Android below.

*Note: The Linux 3.x.x and 4.x.x version of the driver is maintained in the current Linux 3.x.x and 4.x.x tree at www.kernel.org.

Software Downloads

Software (11)

Software • 11

CP210x Universal Windows Driver	v11.0.0 11/17/2021
CP210x VCP Mac OSX Driver	v6.0.2 10/26/2021
CP210x VCP Windows	v6.7 9/3/2020
CP210x Windows Drivers	v6.7.6 9/3/2020
CP210x Windows Drivers with Serial Enumerator	v6.7.6 9/3/2020

Show 6 more Software

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2/24/2022 10:32 AM	Compressed (zipp	CP210x_Univer	sal_Windows	s_Driver.zip		222 Ki
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x64	File folder					
x86	File folder					
CP210x_Universal_Windows_Driver	Text Document	8 KB	No	26 KB	70%	11/18/2021 1:53 AM
silabser.cat	Security Catalog	7 KB	No	13 KB	51%	11/16/2021 12:46 PM
ilabser.inf	Setup Information	2 KB	No	11 KB	82%	11/16/2021 12:36 PM
SLAB_License_Agreement_VCP_Wi	Text Document	4 KB	No	9 KB	61%	4/16/2021 3:32 PM

STEP 5: Confirm .ZIP file has been Downloaded

STEP 6: Extract ZIP file by <RIGHT-Clicking> <u>CP210x Universal Windows Driver.zip</u> and selecting <u>Extract All...</u>

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2/23/2022 3:35 PM	PNG File	image.png	Share with Skype
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Extracted driver files will be available under folder without .ZIP extension

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STEP 7: Open Windows Device Manager, <RIGHT-Click> <u>CP2102 USB to UART</u> <u>Bridge Controller</u>

📇 Device Manager	_	\times
File Action View Help		
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> 4 Audio inputs and outputs		
> 🥪 Batteries		
> 📓 Biometric devices		
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> 💻 Computer		
> 🔜 Disk drives		
> 🏣 Display adapters		
> 🔐 DVD/CD-ROM drives		
> 🎽 Firmware		
> 🛺 Human Interface Devices		
> 🦷 IDE ATA/ATAPI controllers		
> 🚡 Imaging devices		
> 🔤 Keyboards		
Mice and other pointing devices		
> 🛄 Monitors		
> 🚍 Network adapters		
✓		
CP2102N USB to UART Bridge Controller		
> 📃 Portable Devices		
> 📮 Ports (COM & LPT)		
> 📇 Print queues		
> 📇 Printers		
> Processors		
Security devices		
Software components		~

STEP 8: Select Update Driver



STEP 9: Select "Browse my computer for drivers"

🗧 📱 Update Drivers - CP2102N USB to UART Bridge Controller

How do you want to search for drivers?

→ Search automatically for drivers Windows will search your computer for the best available driver and install it on your device.

→ Browse my computer for drivers Locate and install a driver manually.

Redirect the driver installer to the Downloads Folder where the Silicon Labs Driver is located, and select <u>CP210x_Universal_Windows_Driver...</u> then click OK



Dialog Box will display confirming installation of <u>Silicon Labs CP210x USB to</u> <u>UART bridge</u>.



Open Device Manager



Confirm Driver Installation by Clicking on Driver Tab

Each installation MAY use a different COM port depending on hardware already installed in computer: (NOTE THIS INSTALLATION USES COM4)

Silicon Labs CP210x USB to UART Bridge (COM4) Properties					×		
General Port Settings	Driver	Driver Details Events Power Management					
Silicon Labs	Silicon Labs CP210x USB to UART Bridge (COM4)						
Driver Provid	er: Si	icon Labo	oratories I	nc.			
Driver Date:	10	/29/202	1				
Driver Versio	n: 11	.0.0.509					
Digital Signer	: Mi Pu	crosoft W Iblisher	/indows H	lardware Comp	oatibility		
Driver Details	View	details at	oout the ir	nstalled driver f	iles.		
Update Driver	Upda	ate the dri	ver for thi	s device.			
Roll Back Driver	lf the back	device fa to the pr	ails after u eviously ir	ipdating the dri nstalled driver.	iver, roll		
Disable Device	Disal	ble the de	vice.				
Uninstall Device	Unin	stall the d	evice from	n the system (A	Advanced).		
				ОК	Cancel		

Default Configuration may be made under <u>Port Settings</u> tab.

Silicon Labs CP210x USB to UART Bridge (COM4) Properties					×
General Port Settings	Driver Details	Events	Power Mana	igement	
	Bits per second	9600		~	
	Data bits	8		~	
	Parity	None		~	
	Stop bits	: 1		~	
	Flow control	None		~	
	Ac	lvanced	. Resto	re Defaults	
			OK	Cance	1